

20020829.qrp v02\_n662.qrl.20020829

Date: Thu, 29 Aug 2002 19:03:09 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2662

QRP-L Digest 2662

Topics covered in this issue include:

- 1) [133559] solderable magnet wire  
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 2) [133560] Re: FS TEFLON wire  
by Dave Richards <wr3i@earthlink.net>
- 3) [133561] Linearized Mixers and Amplifiers  
by Chris Trask <ctrask@primenet.com>
- 4) [133562] RE: solderable magnet wire  
by "Tracy Markham" <tracy@bytemark.com>
- 5) [133563] What's a Ham to do?  
by <vintage2@earthlink.net>
- 6) [133564] Re: solderable magnet wire  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 7) [133565] QRP Motto.  
by Michael Byrd <sunbyrd@gte.net>
- 8) [133566] MityBox/Sexy P-P Base  
by "Doug Hauff" <dhauff@digitalputty.com>
- 9) [133567] Re: QRP Motto.  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 10) [133568] Re: Stealth Antennas  
by Larry Cahoon <lejek@erols.com>
- 11) [133569] Re: [fpqrp] HB: Magnet Wire  
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 12) [133570] Re: [Elecrafft] Computer Sound Card Function Generator/Noise Gen!!  
by "Phil Wheeler" <w7ox@earthlink.net>
- 13) [133571] A neat idea for a 40M antenna.  
by Michael Byrd <sunbyrd@gte.net>
- 14) [133572] RE: QRP Motto.  
by "Tracy Markham" <tracy@bytemark.com>
- 15) [133573] QRP DX  
by "James R. Duffey" <jamesd1@flash.net>
- 16) [133574] NEQRP CW Net, Thursday, 29 Aug 02, 08:30 PM EDT, 3.564 MHz  
by Chuck Ludinsky <cludinsky@attbi.com>
- 17) [133575] Activating White Mountain - near Bishop,CA  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 18) [133576] Re: A neat idea for a 40M antenna.  
by Dave Fouchey <dafouchey@comcast.net>
- 19) [133577] 10M open to Pacific and S. America for QRP DX

- by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 20) [133578] Re: QRP Motto.  
by "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
- 21) [133579] ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by Victor Dively <kg4htt@juno.com>
- 22) [133580] Re: Stealth Antennas  
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 23) [133581] Re: QRP Motto.  
by n5ib@juno.com
- 24) [133582] Re: Stealth Antennas  
by "Mike Yetsko" <myetsko@insydesw.com>
- 25) [133583] Re: QRP Motto.  
by "Jim" <ku4qw@yahoo.com>
- 26) [133584] Source for 450 ohm window line  
by "Jim" <ku4qw@yahoo.com>
- 27) [133585] Re: Source for 450 ohm window line  
by Chuck Carpenter <w5usj@9plus.net>
- 28) [133586] WI7U on the air  
by "Brian" <brian@iquiest.net>
- 29) [133587] Consensus of Solderable magnet Wire  
by "W8DIZ" <w8diz@fpqrp.com>
- 30) [133588] Re: Stealth Antennas  
by Larry Cahoon <lejek@erols.com>
- 31) [133589] Re: QRP Motto.  
by Jim Stiles <jjstiles@optonline.net>
- 32) [133590] Re: Stealth Antennas  
by "Mike Yetsko" <myetsko@insydesw.com>
- 33) [133591] Homebrew QSL's... thx!  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 34) [133592] Deed restrictions  
by Ray Sills <raysills@1stconnect.com>
- 35) [133593] Re: QRP Motto.  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 36) [133594] Re: Stealth Antennas  
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
- 37) [133595] Re: Source for 450 ohm window line  
by William R Colbert <w5xe@juno.com>
- 38) [133596] Error in the "Rock-Mite" files enclosure page.  
by "Rod N0RC" <rod@n0rc.us>
- 39) [133597] Re: Deed restrictions  
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
- 40) [133598] 3B8CF - 14.026 @ 0305Z  
by David Gauding <david.gauding@bbs.galilei.com>
- 41) [133599] Shack Cleaning Sale  
by Paul Womble <pwomble1@tampabay.rr.com>
- 42) [133600] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "bob baxter" <rbaxter@cybertrails.com>
- 43) [133601] Re: Stealth antennas - long

- by William R Colbert <w5xe@juno.com>
- 44) [133602] Re: Stealth Antennas  
by "W2WU" <w2wurjj@verizon.net>
- 45) [133603] Re: Deed restrictions  
by "W2WU" <w2wurjj@verizon.net>
- 46) [133604] Re: Stealth Antennas  
by "Tim, N9PUZ" <n9puz@arrl.net>
- 47) [133605] Re: Stealth Antennas  
by Dave Sjolin <sjolin@swbell.net>
- 48) [133606] Re: Stealth Antennas  
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
- 49) [133607] Re: Deed restrictions  
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
- 50) [133608] Re: Consensus of Solderable magnet Wire  
by "Dave Martin" <k2zu@seanet.com>
- 51) [133609] Re: Stealth Antennas  
by Darrel Swenson <k0awb@tconl.com>
- 52) [133610] Re: Linearized Mixers and Amplifiers  
by "Leon Heller" <leon\_heller@hotmail.com>
- 53) [133611] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "Pastor-KC1DI" <elbc@pivot.net>
- 54) [133612] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "John Dorson" <jdorson@worldshare.net>
- 55) [133613] Re: QRP Motto.  
by Dave Fouchey <dafouchey@comcast.net>
- 56) [133614] QRP Motto in Latin  
by NA1XX@aol.com
- 57) [133615] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 58) [133616] Re: Deed restrictions in Public Housing  
by <adamvaz@palm.net>
- 59) [133617] F.I.R.S.T.  
by "Leech Mike (AP/EAT1)" <Mike.Leech@us.bosch.com>
- 60) [133618] Re: What's a Ham to do?  
by David Hinerman <WD8CIV@worldnet.att.net>
- 61) [133619] Wilderness Radio K1 Keyer Issue  
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 62) [133620] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "Bill Jones" <kd7s@psnw.com>
- 63) [133621] QRP Rigs For Sale  
by "Ed Kessler" <aa3sj@arrl.net>
- 64) [133622] Re: Stealth Antennas  
by "Mark Andrews" <KE4IOF@ke4iof.com>
- 65) [133623] RE: QRP Motto in Latin  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 66) [133624] FOX: AC7A Tonight 8-29  
by <ac7a@gci-net.com>
- 67) [133625] Results from last Tuesdays NEQRP SSB Net

by "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
68) [133626] Re: near Bishop,CA +weather  
by na5n@zianet.com  
69) [133627] Dipole without transmission line  
by "Bruce Prior" <n7rr@hotmail.com>  
70) [133628] RE: Dipole without transmission line  
by "Mullin, Edward J." <mulline@tycoelectronics.com>  
71) [133629] Re: near Bishop,CA +weather  
by Chris Trask <ctrask@primenet.com>  
72) [133630] RE: QRP Motto  
by "Jerry Bartachek" <leadsheet@musician.org>  
73) [133631] Re: near Bishop,CA +weather  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
74) [133632] RE: QRP Motto  
by "Leon Heller" <leon\_heller@hotmail.com>  
75) [133633] KI6DS Claims \$100 from NA5N  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
76) [133634] Rigs TOO SMALL!  
by W2AGN <w2agn@w2agn.net>  
77) [133635] RE: Dipole without transmission line  
by ae5x@netscape.net (John Harper AE5X)  
78) [133636] Re: Rigs TOO SMALL!  
by Ed Tanton <n4xy@earthlink.net>  
79) [133637] RE: QRP Motto  
by Lloyd Lachow <llachow@yahoo.com>  
80) [133638] RE: QRP Motto in Latin  
by Ed Tanton <n4xy@earthlink.net>  
81) [133639] Re: Rigs TOO SMALL!  
by "K7FD N7SG" <k7fd@hotmail.com>  
82) [133640] re: Too Small  
by Wa4aos@aol.com  
83) [133641] RE: QRP Motto  
by W2AGN <w2agn@w2agn.net>  
84) [133642] Re: Consensus of Solderable magnet Wire  
by Donald E Sanders <w4bws@juno.com>  
85) [133643] Fwd: Space Station Supernova  
by Ed Tanton <n4xy@earthlink.net>  
86) [133644] Re: 88 foot dipole >?<  
by Bill Coleman <aa4lr@arrl.net>  
87) [133645] RE: QRP Motto  
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
88) [133646] re: Too Small  
by David Hinerman <WD8CIV@worldnet.att.net>  
89) [133647] Re: 88' Hoopla  
by Bill Coleman <aa4lr@arrl.net>  
90) [133648] Re: Rigs TOO SMALL!  
by W2AGN <w2agn@w2agn.net>  
91) [133649] RE: QRP Motto

by W2AGN <w2agn@w2agn.net>  
92) [133650] RE: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
by "KD5NWA" <KD5NWA@mbayona.com>  
93) [133651] Re: 88 foot dipole >?<  
by W2AGN <w2agn@w2agn.net>  
94) [133652] RE: QRP Motto  
by "John\_Evans" <jae@codenet.net>  
95) [133653] Major OT: Pie Town prize claimed!  
by na5n@zianet.com  
96) [133654] RE:QRP Motto  
by "John J. McDonough" <wb8rcr@arrl.net>  
97) [133655] PCB for Chris's mixer  
by "Leon Heller" <leon\_heller@hotmail.com>  
98) [133656] FS: Super Antenna  
by "William Phinizy" <k6whp@gte.net>  
99) [133657] QRP Homebuilder Site  
by k4vib@att.net  
100) [133658] Re: QRP Motto  
by "Leon Heller" <leon\_heller@hotmail.com>  
101) [133659] CQ East Coast once more...  
by "Juanjo Pastor" <ec5aca@wanadoo.es>  
102) [133660] Re: QRP Motto in Latin  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
103) [133661] Re: Rigs TOO SMALL!  
by <n2go@arrl.net>  
104) [133662] Re: Rigs TOO SMALL!  
by David Hinerman <WD8CIV@worldnet.att.net>  
105) [133663] Re: QRP Motto in Latin  
by "Charles W3KC" <w3kc@starpower.net>  
106) [133664] Thanks everyone  
by IamSF5@aol.com  
107) [133665] Re: Pie Town, NM  
by na5n@zianet.com  
108) [133666] Re: FOX: AC7A Tonight 8-29  
by "Karl F. Larsen" <k5di@zianet.com>  
109) [133667] Re: FOX: AC7A Tonight 8-29  
by Arthur Moe <kb7ww@easystreet.com>  
110) [133668] Re: FOX: AC7A Tonight 8-29  
by Chris Cartwright <ccart@phideaux.com>  
111) [133669] Re: Pie Town, NM  
by Chris Trask <ctrask@primenet.com>  
112) [133670] Re: FS: Super Antenna  
by "William Phinizy" <k6whp@gte.net>  
113) [133671] QRP motto and all that  
by "Jim Stamper" <jstamper@shentel.net>  
114) [133672] Re: 88 foot dipole >?<  
by "George, W5YR" <w5yr@att.net>  
115) [133673] PRESTON DOUGLAS (WTL)

- by "W2WU" <w2wurjj@verizon.net>
- 116) [133674] [CONTEST] N2CQ QRP Contest Calendar - Sept 2002  
by "Ken Newman" <n2cq@dandy.net>
- 117) [133675] The Coaxial Co Linear Antenna from Colorado  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 118) [133676] Tonight's Truffle  
by "w8diz" <w8diz@fpqrp.com>
- 119) [133677] Re: QRP Motto  
by "George, W5YR" <w5yr@att.net>
- 120) [133678] Re: Rigs T00 SMALL!  
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 121) [133679] Re: 88 foot dipole >?<  
by "ss lyon" <sslyon@megalink.net>
- 122) [133680] Re: QRP Motto  
by Dave Fouchey <dafouchey@comcast.net>
- 123) [133681] TNX ALL  
by "W2WU" <w2wurjj@verizon.net>
- 124) [133682] Re: Art and Skill of Telegraphy  
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>

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Date: Wed, 28 Aug 2002 18:53:47 -0400  
From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>  
To: <w8diz@fpqrp.com>  
Cc: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [133559] solderable magnet wire  
Message-ID: <003d01c24ee5\$c5034b80\$07ea7182@mcmaster.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Dieter,

Did a bit more digging, I think Belden actually  
calls it "Belldsol", for the solder-strippable stuff.  
#30, 0.5 pound wire has Belden part # 8055  
Only one color: kinda pink-red.

"Thermaleze" won't strip with an iron. No way.  
This stuff is made to survive smokin' transformers!

BTW: I tested #24 "Belldsol" with a small thermally  
controlled iron @ 700 tip temp. Works well, but not  
real fast - takes about 5 seconds to strip properly.

-----  
Date: Wed, 28 Aug 2002 19:19:55 -0400  
From: Dave Richards <wr3i@earthlink.net>  
To: n2go@arrl.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133560] Re: FS TEFLON wire  
Message-ID: <5.1.1.6.2.20020828191831.009e87a0@earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim, For G... sake don't sell out I will place and order in next day once I have worked out how many rolls I need

Dave

WR3At 05:47 PM 8/28/2002 -0400, n2go@arrl.net wrote:

>Since some people have asked...I am running a special on Teflon insulated,  
>silver plated stranded wire. (the Gud Stuff!)

>

>USPS is pricing themselves out of the market, All wire will be shipped by  
>UPS and requires a street address. I don't believe that they deliver to a  
>P.O. Box.

>

>On Colors - No solids, no special requests. It is packaged already. To do  
>otherwise would raise the cost considerably in terms of time and manpower.

>

>ON wire gauge. Most is 22AWG, Some is 24AWG. There might be some 26AWG.  
>No other sizes are available here. You might try Newark, but hold on to  
>your hat and get the loan papers ready..

>

>The wire is excellent. It has been used for boatanchor repairs, new  
>construction, Mars probes, model rockets, Manhattan construction ( see the  
>2n40 site :) people have used it for portable antennas and some permanent  
>stealth types. I have heard but have not confirmed that birds slide right  
>off the stuff.

>

>It has high reliability, and solders extremely well. The teflon will not  
>melt or shrink when you solder the wire. ( I guess it could if you used a  
>blow torch... but you would have to get the wire to 600degrees C.)

>

>Price is \$30 including UPS shipping in USA only. Payable by Check,  
>Money order or paypal  
>Paypal address is n2go@arrl.net

>

>(About 1/3 of the cost goes to UPS and shipping container people.)

>

>Items paid for by paypal today would be shipped on Friday.

>

>If you want larger quantities, the price is \$20/ 1000' roll plus UPS

>charges. Yes this is an excellent price!  
>  
>73,  
>  
>Jim n2go

-----  
Date: Wed, 28 Aug 2002 16:39:08 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133561] Linearized Mixers and Amplifiers  
Message-ID: <Pine.BSI.3.96.1020828163714.3245A-1000000@usr01.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was asked if I would post the URLs for the two schematics that I  
put on my web page for the series/shunt feedback mixer:

<http://www.primenet.com/~ctrask/SSFBMxr1.pdf>

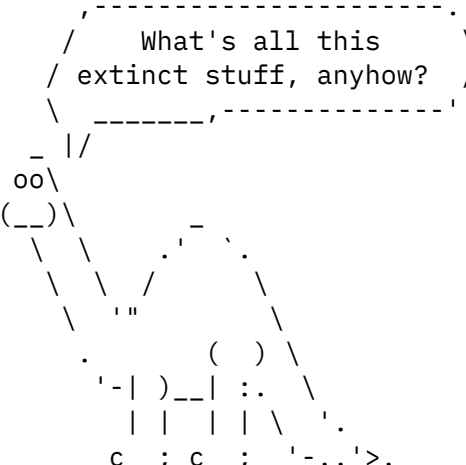
and the augmented lossless feedback mixer:

<http://www.primenet.com/~ctrask/AugAmp1.pdf>

Enjoy.

Chris

What's all this  
extinct stuff, anyhow?



High Performance Mixers and  
Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks



-----  
Date: Wed, 28 Aug 2002 16:34:31 -0700  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [133562] RE: solderable magnet wire  
Message-ID: <GNEOLGDJDOPEALHJMKLCKEEJCKAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I use 105 degree wire all the time - it's the only way to go.

At the shop we use a solder pot, makes it really easy. At home, I just start a liberal 'blob' on the soldering iron, start from the cut end of the wire where the copper is exposed, and then work up from there. It usually takes 5 seconds or so like stated.

<http://www.cwsbytemark.com/prices/tapeswires.asp> shows the 105 degree 1/4 lb spools.

So much fun ...  
Tracy N4LGH

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Glen Leinweber  
Sent: Wednesday, August 28, 2002 3:54 PM  
To: Low Power Amateur Radio Discussion  
Subject: solderable magnet wire

Dieter,

Did a bit more digging, I think Belden actually calls it "Beldsol", for the solder-strippable stuff.  
#30, 0.5 pound wire has Belden part # 8055  
Only one color: kinda pink-red.

"Thermaleze" won't strip with an iron. No way.  
This stuff is made to survive smokin' transformers!

BTW: I tested #24 "Beldsol" with a small thermally controlled iron @ 700 tip temp. Works well, but not real fast - takes about 5 seconds to strip properly.

-----  
Date: Wed, 28 Aug 2002 16:47:57 -0700  
From: <vintage2@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [133563] What's a Ham to do?  
Message-ID: <Springmail.0994.1030578477.0.06546600@webmail.pas.earthlink.net>

Hi Folks,

I wanted to fill you all in on my latest project at work. I'm codeveloping a DSP application. The hardware was already designed when I joined the project and the first task was to bring up the board. The chip is a TI 6711, which claims a performance of 900 mega floating point ops / sec. The serial communications has yet to be developed. I coded up a memory test program that exercises the 8MB of on-board SDRAM. We were having some trouble with data reliability and the dsp emulator was of marginal use for us. It crashes before a memory failure occurs!

There is a status LED on-board that can be written, so I added some code to illuminate us about the nature of the problem. I tried various values until I got the delay loop just right. Now, the LED blinks out Morse at around 10 wpm and this has been an invaluable 'display' for us. The guys are amazed that I knew the code off the top of my head. They think the board is offering a greeting when it powers up with a "HI HI". Who says irony is dead? ;-}

73,  
Bob

-----  
Date: Wed, 28 Aug 2002 19:51:23 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: <tracy@bytemark.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133564] Re: solderable magnet wire  
Message-ID: <015e01c24eed\$d0ddaec0\$d2af2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking at some of the responses on the "wire" .

I can't believe that anyone would worry about 5 whole seconds to melt the

insulation on a piece of wire. !!

Is everyone in such a big hurry ??? all in all it might be another hour on any one project !!!

carl / kz5ca

----- Original Message -----

From: "Tracy Markham" <tracy@bytemark.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, August 28, 2002 7:34 PM

Subject: RE: solderable magnet wire

> I use 105 degree wire all the time - it's the only way to go.

>

> At the shop we use a solder pot, makes it really easy. At home, I just start

> a liberal 'blob' on the soldering iron, start from the cut end of the wire  
> where the copper is exposed, and then work up from there. It usually takes

5

> seconds or so like stated.

>

> <http://www.cwsbytemark.com/prices/tapeswires.asp> shows the 105 degree 1/4 lb

> spools.

>

> So much fun ...

> Tracy N4LGH

>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Glen Leinweber

> Sent: Wednesday, August 28, 2002 3:54 PM

> To: Low Power Amateur Radio Discussion

> Subject: solderable magnet wire

>

> Dieter,

> Did a bit more digging, I think Belden actually

> calls it "Beldsol", for the solder-strippable stuff.

> #30, 0.5 pound wire has Belden part # 8055

> Only one color: kinda pink-red.

>

> "Thermaleze" won't strip with an iron. No way.

> This stuff is made to survive smokin' transformers!

>

> BTW: I tested #24 "Beldsol" with a small thermally

> controlled iron @ 700 tip temp. Works well, but not

> real fast - takes about 5 seconds to strip properly.

>

>

>  
>

-----  
Date: Wed, 28 Aug 2002 19:50:22 -0400  
From: Michael Byrd <sunbyrd@gte.net>  
To: qrp-l@lehigh.edu  
Subject: [133565] QRP Motto.  
Message-ID: <EA771662-BAE0-11D6-850E-00039359539C@gte.net>  
Mime-Version: 1.0 (Apple Message framework v482)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Good Day,

I thought I would throw this in. This past year I was working on a logo for some local QRP group. I wanted to use a slogan or motto to fill a space within the logo. There have been many used even on this list. I decided to go with Latin and it would be simple. The meaning would be "Less is More". I spent over a week searching the internet trying to find a translation into Latin. I did find Latin is difficult and making a direct swap of words may not work.

If anyone can help with this I would appreciate it. I know there are many of you out there ready to show off your skill with this old language.

The local group I was doing this for has become a past memory, but I thought I would create something for QRPers in general. I would then print up coffee cups with a nice logo.

Thanks,  
Mike, AC4UR

-----  
Date: Wed, 28 Aug 2002 17:03:53 -0700  
From: "Doug Hauff" <dhauff@digitalputty.com>  
To: <qrp-l@lehigh.edu>  
Subject: [133566] MityBox/Sexy P-P Base  
Message-ID: <001101c24eef\$a7ad54e0\$9b393442@fix.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am hoping to proof my CNC program for the MityBox tonite; had some software problems trying to program some of the pocketing, but i worked around it, just lost more time...

Milled out a bunch of Desk Bases for the Porta-Paddle, 3x3x1/2 inch steel, nice radii, Powder Coated White...got them over to the powder coater just in time for a run of White today, should have them back tomorrow. I'll try and get a pic of the base and the Mitybox on my website Friday. Should have Bases at the NorCal meeting Sunday.

MityBox info:

\$23 ppd, address on my site, [www.americanmorse.com](http://www.americanmorse.com)

I should be able to make the production run of MityBoxes next week.

I have not yet hooked up with PayPal but will asap...

72, Doug KE6RIE

-----  
Date: Wed, 28 Aug 2002 20:00:50 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: <sunbyrd@gte.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133567] Re: QRP Motto.  
Message-ID: <016f01c24eef\$22b17280\$d2af2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FWIF : This isn't latin but it's close :::::

in spanish  
less is more translates to  
menos es mas !!  
carl / kz5ca

----- Original Message -----

From: "Michael Byrd" <sunbyrd@gte.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 7:50 PM  
Subject: QRP Motto.

> Good Day,  
>  
> I thought I would throw this in. This past year I was working on a logo  
> for some local QRP group. I wanted to use a slogan or motto to  
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> this list. I decided to go with Latin and it would be simple. The  
> meaning would be "Less is More". I spent over a week searching  
> the internet trying to find a translation into Latin. I did find Latin  
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> many of you out there ready to show off your skill with this old  
> language.  
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> but I thought I would create something for QRPers in general.  
> I would then print up coffee cups with a nice logo.  
>  
> Thanks,  
> Mike, AC4UR  
>

-----  
Date: Thu, 29 Aug 2002 00:10:33 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: kc4atu@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133568] Re: Stealth Antennas  
Message-ID: <5.1.0.14.0.20020828233919.02da3318@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

You didn't it far enough. There are some so foolish as to say ALL antennas.

It took me five minutes to find the following for one place - "No outside antennas, antenna poles, antenna masts, or antenna towers are permitted except as approved in writing by the ARB."  
See <http://www.wilshirelakes.org/covenants.htm>

Taken as it stands you must have written approve to take any radio/TV outside - and that includes the one in your car.

Or take this one "No exterior mounted radio, shortwave or television or other type of antenna shall be permitted except on an interior roof, the

elevation of which is lower than the surrounding roof so that such antenna installation is not visible from any other site or from the streets." [http://www.officeelectric.com/CWHOA\\_news/Covenants1978.PDF](http://www.officeelectric.com/CWHOA_news/Covenants1978.PDF)  
I can't even make the one my car legal here. I think it says if it is visible from anywhere I can't have it.

I like this one the best. It bans anything electronic until I get their permission.

See <http://www.angelfire.com/trek/secretwoods/covenants.html>

This one says "Absolutely No Radio Aerial, Television Aerial, Antenna or Electronic Devices on Property."

Now they do elaborate with "....nor shall any radio, television aerial or antenna or other exterior electronic or electrical equipment or device be installed on the Properties;.....until the plans and specifications showing the nature, kind, shape, height and materials, and location of the same shall have been submitted to and approved in writing as to harmony of external design and location in relation to surrounding structures and topography by the Board of Directors of the Association or by an Architectural Control Committee composed of three (3) or more representatives appointed by the Board."

Now they just might let me put up my antenna with permission. But do note I cannot have anything electronic on the property until I get their permission. Need a new ceiling light in your basement, make sure it's approved. After all the basement is part of the property.

73 de Larry.....WD3P  
<http://www.wd3p.net/>

At 03:47 PM 8/28/2002 -0700, Bill ROWLETT wrote:  
>Well Rick, I hope those people enjoy opening there own  
>garage doors, have hard wired phones, and etc.....  
>All those things have ant. and if they are there my  
>attic ant. would be too.  
>  
>-----  
>Do You Yahoo!?  
>Yahoo! Finance - Get real-time stock quotes  
><http://finance.yahoo.com>

-----

Date: Wed, 28 Aug 2002 17:12:05 -0700  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: <k5iuo@msn.com>  
Cc: <qrp-1@lehigh.edu>, <fpqrp-1@fpqrp.com>  
Subject: [133569] Re: [fpqrp] HB: Magnet Wire  
Message-ID: <1d4d01c24ef0\$b5066d10\$0c03ca0a@cp98suwbm01>  
Content-Class: urn:content-classes:message  
Content-Disposition: Inline  
Content-Type: Text/Plain;  
                charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Papa Diz....

I think I found what you are looking for...

Page 1403 in the current Newark Catalog..

Stock # 36F775 #30 Magnet Wire

Poly-Thermaleze rated to 180C

1 lb spool \$45.32

I think this is the kind that you can strip with the iron. Dan has a copy of the catalog as well. Hope that this helps..

72 es oo

Dennis - WB0WAO

NJQRP #329  
FPQRP #-347  
SOC #499  
FISTS # 9299  
GACW #622  
ARS #1363

-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

-----

Date: Wed, 28 Aug 2002 17:11:41 -0700  
From: "Phil Wheeler" <w7ox@earthlink.net>  
To: <k5iuo@msn.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
      "Elecraft-list" <elecraft@mailman.qth.net>,  
Subject: [133570] Re: [Elecraft] Computer Sound Card Function Generator/Noise Gen!!  
Message-ID: <1b2b01c24ef0\$a6b60720\$0c03ca0a@cp98suwbm01>  
Content-Class: urn:content-classes:message



MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
format=flowed;  
charset="us-ascii"

Rod NØRC wrote:

>Folks,  
>  
>Here is a link to a freeware function generator:  
>  
><http://www.marchandelec.com/fg.htm>  
>  
>It does: Sine, Square, Triangle, Sawtooth, Pulse and White Noise.  
>  
>Another handy tool just like spectrogram.  
>

Thanks, Rod. I'll give it a try.

73, Phil

-----  
Elecrafft mailing list: [Elecrafft@mailman.qth.net](mailto:Elecrafft@mailman.qth.net)  
You must be a list member to post to the list.  
Postings must be plain text (no HTML or attachments).  
See: <http://mailman.qth.net/mailman/listinfo/elecrafft>  
Elecrafft Web Page: <http://www.elecrafft.com>

-----  
Date: Wed, 28 Aug 2002 20:21:04 -0400  
From: Michael Byrd <[sunbyrd@gte.net](mailto:sunbyrd@gte.net)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [133571] A neat idea for a 40M antenna.  
Message-ID: <346617B4-BAE5-11D6-850E-00039359539C@gte.net>  
Mime-Version: 1.0 (Apple Message framework v482)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Good Day,

After reading the July issue of QST, I found an article that was inspiring. On pg. 40 by K4VX a linear loaded dipole. I breezed through the magazine and laid it aside. I kept going back to that article for some reason. I wasn't

impressed with the antenna, but the linear loading was interesting. Then the idea came together. Using two South Bend SD-20 and some 450 ohm latter line, you could build a light weight rotary dipole for 40 meters.

There has been several yagi antennas featured in QST using the SD-20s as element supports lately. Why not make something for 40? Hey, not just a rotary dipole, but a 2 element yagi that doesn't weight more than 25 lbs. Wait...that's jumping too far ahead. Let's get that dipole first.

I came up with some clips to support the latter line that look sort of like clothes pins. The clips attached to the larger diameter part of the SD-20 got a redesign to trim weight. I thought a material called Sintra would work

best. It is a very workable type of closed cell PVC. It comes in many thicknesses.

A first I was going to keep them in place with a nylon screw and nut. It turns out tie-wraps will work and are much cheaper.

Construction over and tuning complete. Get it up as high as you can and you will have a nice antenna with just about the same characteristics as a full size

dipole. Just point the power lobes in your favorite direction or go for the deluxe model and use a TV rotor to turn it.

There you go...a big antenna on a little budget.

Thanks,  
Mike, AC4UR

-----  
Date: Wed, 28 Aug 2002 17:17:32 -0700  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, <sunbyrd@gte.net>  
Subject: [133572] RE: QRP Motto.  
Message-ID: <GNEOLGDJDOPEALHJMKLCMEELCKAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Pauculum Abunde ??

Go to  
<http://www.nd.edu/~archives/latin.htm>

this is a great latin source.  
Tracy N4LGH

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Michael Byrd  
Sent: Wednesday, August 28, 2002 4:50 PM  
To: Low Power Amateur Radio Discussion  
Subject: QRP Motto.

Good Day,

I thought I would throw this in. This past year I was working on a logo for some local QRP group. I wanted to use a slogan or motto to fill a space within the logo. There have been many used even on this list. I decided to go with Latin and it would be simple. The meaning would be "Less is More". I spent over a week searching the internet trying to find a translation into Latin. I did find Latin is difficult and making a direct swap of words may not work.

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Thanks,  
Mike, AC4UR

-----  
Date: Wed, 28 Aug 2002 18:32:01 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [133573] QRP DX  
Message-ID: <B992C7A0.1C12F%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

A couple of years ago I penned this note to help Kevin, K9IUA, when he was having problems working DX. Since the topic came up again, I thought that I would repost it. I hope that it helps somebody. If you already have it,

sorry for the bandwidth.

Kevin - I read your post and thought I would share some thoughts on DXing with you and the list. I am not an avid DXer, but I try to work it if I hear it. To my standards, I would say that your 42 countries on QRP in 6 months isn't so bad. Of course if you are shooting for 100 in a year and you do the projection, I can see where you might get worried. Here are some tips that I find useful. They may or may not apply to your situation, but I think somebody may find them useful:

1. If you don't already have it, get a copy of Bob Locher's (W9KNI) book on DXing. It is chock full of good tips. In a quick perusal of my Ham Library (Located in three different locations in the house) I was unable to find my copy, (Who did I loan it to?) but I am sure that somebody on the list can provide you with the exact title. It is chock full of tips that will help you work DX.

2. You have to be on the bands to work DX, so get on as much as you can, even when the bands are rotten. If you have trouble getting on, encourage yourself by putting a piggy bank on your operating desk and dropping a dollar bill in it every time you start an operating session. You can pay for a K-2 in a little over a year and a half of daily operating this way.

3. Get on the bands at unusual times. Go to bed an hour earlier and get up an hour earlier to operate around sunrise. The bands are different then and you will have entirely different DX to chase. Also you can take advantage of greyline propagation. Instead of going to bed on Friday or Saturday night after returning from a night out, brew a pot of coffee, get on the air, and operate in the wee hours.

4. Nearly every DXer will tell you that listening is the key to DXing. I agree, but you need to get on to listen so I emphasize getting on first. You need to listen with a purpose. Develop a listening plan. I start on the highest band open, since absorption will be lowest and a QRP station will have the best chances for getting a contact. I start at the low end of the band and go up. Listen to every station on the band. Determine where the station is and who the station is talking to. Finding a domestic station working DX is almost as good as finding a DX station. Listen for keys to DX; weak signals, fluttery signals, signals with a poor note (no wise comments from those of you who attended Tuthill), and domestic station with excitement in the fist from working a new one. After you have gone from one end of the band to the other, reverse directions and listen again. If I have not uncovered unworked DX after a few trips up and down the band, I go to another band. Not every DX station has a pileup, so I think that this way of listening is more effective than merely looking for a pileup.

5. It helps to keep a list of those stations you have worked and those you have QSLs from as you listen on the band. You can do this on paper, or some

computer program will track this information. If you hear a station you need and can't work him right away it helps to put him in a memory, or note what frequency he is on, so you can work him later.

6. DXers, like you and I, are creatures of habit. If he was on a certain band at a certain time one day, the chances are good he will be on at roughly the same time, and band, on another day.

7. Knowing when to listen is helpful. If you don't have or use a propagation program I suggest getting one and using it. It will tell you statistically when the band is open to where. It doesn't do much good to look for DX on a band that doesn't support DX. Also, monitoring the NCDXF beacons help to tell you if the band is open, to where the band is open.

8. If there is a DX packet cluster in your area, monitor it for DX alerts. This information is also available on the Net, but is less localized, so you need to wade through a lot more posts to find something useful. Before the DX Clusters were around, many stations announced DX on the local repeater or gave a friend a phone call when a new one came up. You might get some of the more avid DXers in your area to help you out this way.

9. Now would be a good time to upgrade if you don't have an Extra Class license, as there is lots of DX in that lowest 25 kHz. With high CW speed no longer a requirement for the Extra, those DX rich portions of the band should be within every QRPers reach.

10. As you found out in the IARU contest, contests are a good source of DX. Thirteen new ones in a weekend is a good accomplishment, particularly given the summer conditions. There are several fall DX contests which should have better conditions. If you are looking for countries, do not expect to operate the contest as you normally would. Search and pounce, and only work those new ones you don't have QSLs from. In the early stages of the contest the pileups will be horrendous, but you may have some luck working them, particularly on the higher bands. At the end of the contest the big contest stations, even the rare ones, will be begging for contacts and there will be relatively little competition for their affections.

11. Some contests are better than others for new ones. The ARRL DX contest is good, as it is the World working the US. The CQ DX contests are good as they take place over holiday weekends so you can plan your sleep around the contest. When 10 M is open, the ARRL 10 M contest is very productive for new ones.

12. Many of the big gun contesters set up a few days prior to the contest, and they can often be worked then. This is particularly true for those big gun East Coast DXers who go down to the Caribbean and operate from exotic islands with special stations during contests.

13. Some big contest stations don't QSL contest QSOs as they work so many stations in a contest, so work those countries you don't have QSL cards from as often as you can (different stations/bands of course) in hopes that at least one will QSL.

14. Many contesters run multi-multi stations, which means that they have a station going on each band around the clock, whether the band is wide open or not. You may be able to take advantage of this by working long path during a time when the band is not normally open and there is not much activity. It is surprising where 10 M can be open to at 0300 (local) in the morning when somebody is on there.

15. Being a contrarian also helps a bit in contesting. A big contest takes a lot of the competition off the streets. Working DX on the WARC bands during Sweepstakes is a good strategy, as most avid contesters are also DXers, and the competition is gone, but the DX is still there as they can't work Sweepstakes! This also works to some extent during regular contests; those DX stations who are not contesters are still on, usually on the WARC bands, and the competition for these stations is reduced as most of the potential competition is off working the contest.

16. DXpeditions can be useful, but I would concentrate trying to work them during the later parts of the DXpedition, as the big guns are usually out in force during the first stages.

17. In a contest or DXpedition, I would advise against telling the DX you are working that you are QRP. That is extraneous information to him. He is trying to put as many stations in the log as possible as quickly as possible, and the QRP information slows him down.

18. The WARC bands are good hunting grounds as they seem less populated with DX chasers than the normal bands, but there seems to be as much DX on these bands. Ten MHz, or 30 M, is a particularly good band for QRP DXing. The power limits, 250 W, and the fact that most stations have modest antennas, means that the spread between the loudest stations on the band and the weakest is not that great.

19. There is often DX available on the SSB portion of the band when none is heard on CW, so if all you want are new countries I would also operate SSB in addition to CW. I know this may be heresay to those on the list, but it is true. If you want DXCC, mixed mode is as good as CW only.

20. I would take a look at your antenna patterns with a program like EZNEC to see if you have any nulls in your antenna patterns. You can't work DX if you can't put a signal in the DX station's direction. Depending on what antenna you are using, you may have a peak toward a particular direction on one band, and a null in another one. You may wish to erect another antenna to fill in any nulls.

Good luck in your chase. Having a goal is important in DXing too. Let us know how it all turns out. We are cheering for you. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Wed, 28 Aug 2002 20:35:21 -0400  
From: Chuck Ludinsky <cludinsky@attbi.com>  
To: neqrp@jona1.net, qrp-1@lehigh.edu  
Subject: [133574] NEQRP CW Net, Thursday, 29 Aug 02, 08:30 PM EDT, 3.564 MHz  
Message-ID: <3D6D6C49.80007@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 29 August 2002, at 8:30 PM EDT (00:30Z, 30 Aug 02) on or near 3.565 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Mea culpa... Because of my impatience, we ended up having two parallel nets about 800 Hz apart last Thursday. Dennis, K1LGQ, was operating around 3.564 MHz. Didn't hear him, and started up another net on 3.565 MHz. Sorry, Dennis. But it was kind of interesting, anyway.

Dennis reported the following checkins on his half of the net:

|       |        |               |
|-------|--------|---------------|
| W1CFI | Paul   | Falmouth, MA  |
| AB8DF | Ed     | Waterford, MI |
| K1LGQ | Dennis | Brookline, NH |

while I had the following checkins on my half:

|        |       |                |
|--------|-------|----------------|
| KA3WMJ | Ken   | Erwinna, PA    |
| WA1JXR | Greg  | Lancaster, MA  |
| WB1HBE | John  | Chelmsford, MA |
| K1RC   | John  | Dracut, MA     |
| K1CL   | Chuck | Chelmsford, MA |

Collectively, not a bad turnout; thanks to everyone for their QNI and patience. Anyway, let's see if we can get it all together this Thursday into one net.

72 DE K1CL  
Chuck

-----  
Date: Wed, 28 Aug 2002 17:48:43 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133575] Activating White Mountain - near Bishop,CA  
Message-ID: <006901c24ef5\$d38d44c0\$651ef4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

It's that time of the year again, time for the annual camping trip to White Mountain!!! This is my favorite camping trip of the year. White Mountain is a 14er here in CA near Bishop,CA. We'll be camping around 7000 Ft above sea level. There are plenty of trees there, so I'll be taking the portable Center Fed Zep. Radios will be my FT-817 and my DSW-40 (second time for the DSW-40!). Will probably be working 20, 40 and 80 meters both CW and SSB (and maybe a little AM, Hi). Although, I will be checking 10 meters for openings. I'll be on the air Friday, Saturday and Sunday. If you hear me, give me a shout. If you'd like to set up a sched, e-mail me before Thursday night. Hope that the bands are open and I can work a few of you!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Wed, 28 Aug 2002 20:54:12 -0400  
From: Dave Fouchey <dafouchey@comcast.net>  
To: sunbyrd@gte.net,  
                Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133576] Re: A neat idea for a 40M antenna.  
Message-ID: <4.1.20020828205305.00930750@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT



Hey Mike, Wonder if Outrigger Clips or the kind used for Kite Fishing would work?

73's

Dave

WA4EMR

Sterling Heights, MI

At 08:21 PM 8/28/02 -0400, Michael Byrd wrote:

>Good Day,

>

>After reading the July issue of QST, I found an article that was inspiring.

>On pg. 40 by K4VX a linear loaded dipole. I breezed through the magazine

>and laid it aside. I kept going back to that article for some reason. I

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>impressed with the antenna, but the linear loading was interesting. Then

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>a rotary dipole, but a 2 element yagi that doesn't weight more than 25 lbs.

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>clothes pins. The clips attached to the larger diameter part of the SD-20

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>best. It is a very workable type of closed cell PVC. It comes in many

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>will have a nice antenna with just about the same characteristics as a

>full size

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>the deluxe

>model and use a TV rotor to turn it.

>

>There you go...a big antenna on a little budget.

>

>Thanks,

>Mike, AC4UR

-----  
Date: Wed, 28 Aug 2002 18:07:29 -0700  
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133577] 10M open to Pacific and S. America for QRP DX  
Message-ID: <001501c24ef8\$7334eee0\$493ecd18@charterpipeline.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Solar activity!!!!

Worked T32Z w/ 5w FT-817 at approx 0035Z 8/29 on 10-Meters (28,501.85 mHz).

Also heard CE2 (Chile) calling CQ, and a couple of stations in Brazil.

Also OK conditions to W3/W4 from Southern California and some weird short skip conditions that enabled me to hear W6's in the San Francisco area.... all on 10!

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html>

-----  
Date: Wed, 28 Aug 2002 21:10:10 -0400  
From: "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>  
To: <sunbyrd@gte.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133578] Re: QRP Motto.  
Message-ID: <002901c24ef8\$e6113ae0\$45f5d018@magnus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

What of the QRP ARCI page motto: Vi Minore, Plus Gaudium  
Less Power, More Joy  
73/72,  
Kevin, KC8SFJ

----- Original Message -----

From: "Michael Byrd" <sunbyrd@gte.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, August 28, 2002 7:50 PM  
Subject: QRP Motto.

> Good Day,  
>  
> I thought I would throw this in. This past year I was working on a  
logo  
> for some local QRP group. I wanted to use a slogan or motto to  
> fill a space within the logo. There have been many used even on  
> this list. I decided to go with Latin and it would be simple. The  
> meaning would be "Less is More". I spent over a week searching  
> the internet trying to find a translation into Latin. I did find Latin  
> is difficult and making a direct swap of words may not work.  
>  
> If anyone can help with this I would appreciate it. I know there are  
> many of you out there ready to show off your skill with this old  
> language.  
>  
> The local group I was doing this for has become a past memory,  
> but I thought I would create something for QRPers in general.  
> I would then print up coffee cups with a nice logo.  
>  
> Thanks,  
> Mike, AC4UR  
>  
>

-----  
Date: Wed, 28 Aug 2002 21:10:33 -0400  
From: Victor Dively <kg4htt@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [133579] ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <20020828.211036.-172463.0.kg4htt@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I'm working on building a small loop antenna; I had planned on using plumbing solder (silver bearing, no lead) along with the proper flux, to join the copper pipes and elbows. However, one of my antenna books, "HF ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but if they are necessary, brazing or welding is the way to make them. Soft solder will cause trouble in a short time."

Any experience/guidance on the best method for joining the pipes and elbows? Longevity experience? Efficiency/loss issues? Thanks.

Vic  
KG4HTT

-----  
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<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 28 Aug 2002 18:15:01 -0700  
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>  
To: <lejek@erols.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133580] Re: Stealth Antennas  
Message-ID: <002101c24ef9\$809b9ba0\$493ecd18@charterpipeline.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Larry, suggest you get two sympathetic friends and yourself appointed/elected to the "board." Then when you submit plans, the three of you can sign the request!

The alternative (i.e. to spend your money on a court suit challenging the legality of the "'all electronic devices'" banned section) is likely to cost QRO-dollars.

Good luck, 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html>

-----  
Date: Wed, 28 Aug 2002 21:22:53 EDT  
From: n5ib@juno.com  
To: sunbyrd@gte.net, qrp-l@lehigh.edu  
Subject: [133581] Re: QRP Motto.  
Message-ID: <20020827.202110.4631.2.n5ib@juno.com>

Look at the upper right corner of my web page <<http://www.qsl.net/n5ib>>  
for logo and latin motto:

vi minore, plus gaudium

less power, more fun

not my idea or translation, but my artwork, be sure to decode the Roman  
numerals too. Anyone who wants to use it, feel free.

72

Jim N5IB

On Wed, 28 Aug 2002 19:50:22 -0400 Michael Byrd <[sunbyrd@gte.net](mailto:sunbyrd@gte.net)> writes:

>Good Day,

>

>I thought I would throw this in. This past year I was working on a  
>logo

>for some local QRP group. I wanted to use a slogan or motto to  
>fill a space within the logo. There have been many used even on  
>this list. I decided to go with Latin and it would be simple.

-----  
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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 28 Aug 2002 21:27:18 -0400

From: "Mike Yetsko" <[myetsko@insydesw.com](mailto:myetsko@insydesw.com)>

To: <[lejek@erols.com](mailto:lejek@erols.com)>,

"Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

Subject: [133582] Re: Stealth Antennas

Message-ID: <005b01c24efb\$4fb03120\$0300a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Larry Cahoon" <[lejek@erols.com](mailto:lejek@erols.com)>

> You didn't it far enough. There are some so foolish as to say ALL  
antennas.

You know, your arguments are what hurt the cause.

I read what you typed, and there is no way they can do anything about your car the way you claim. The covenant is against the property. Not your car or lifestyle.

The one with the 'interior roof' actually, the way I read it, allows you to install an antenna (a small discrete one) on the 'back slope of your roof so that neighbors wouldn't see it. And definately not visible from the street.

The last one, well, yeah, that sounds bad. But also incredibly easy to break. If they allow ONE antenna without issue, then you can argue they allow others. Yeah, that one sounds nasty. But also sounds incredibly fragile.

But where the heck did you pervert these to include your car? Geesh! No wonder some people feel the way they do!

Mike

> It took me five minutes to find the following for one place -"No outside  
> antennas, antenna poles, antenna masts, or antenna towers are permitted  
> except as approved in writing by the ARB."  
> See <http://www.wilshirelakes.org/covenants.htm>  
>  
> Taken as it stands you must have written approve to take any radio/TV  
> outside - and that includes the one in your car.

> Or take this one "No exterior mounted radio, shortwave or television or  
> other type of antenna shall be permitted except on an interior roof, the  
> elevation of which is lower than the surrounding roof so that such  
antenna  
> installation is not is visible from any other site or from the  
> streets." [http://www.officeelectric.com/CWHOA\\_news/Covenants1978.PDF](http://www.officeelectric.com/CWHOA_news/Covenants1978.PDF)  
> I can't even make the one my car legal here. I think it says if it is  
> visible from anywhere I can't have it.  
>  
> I like this one the best. It bans anything electronic until I get their  
> permission.  
>  
> See <http://www.angelfire.com/trek/secretwoods/covenants.html>  
>  
> This one says "Absolutely No Radio Aerial, Television Aerial, Antenna or  
> Electronic Devices on Property."  
>  
> Now they do elaborate with "....nor shall any radio, television aerial

or  
> antenna or other exterior electronic or electrical equipment or device  
be  
> installed on the Properties;.....until the plans and  
specifications  
> showing the nature, kind, shape, height and materials, and location of  
the  
> same shall have been submitted to and approved in writing as to harmony  
of  
> external design and location in relation to surrounding structures and  
> topography by the Board of Directors of the Association or by an  
> Architectural Control Committee composed of three (3) or more  
> representatives appointed by the Board."  
>  
> Now they just might let me put up my antenna with permission. But do  
note  
> I cannot have anything electronic on the property until I get their  
> permission. Need a new ceiling light in your basement, make sure it's  
> approved. After all the basement is part of the property.  
>  
> 73 de Larry.....WD3P  
> <http://www.wd3p.net/>  
>  
>  
> At 03:47 PM 8/28/2002 -0700, Bill ROWLETT wrote:  
> >Well Rick, I hope those people enjoy opening there own  
> >garage doors, have hard wired phones, and etc.....  
> >All those things have ant. and if they are there my  
> >attic ant. would be too.  
> >  
> >-----  
> >Do You Yahoo!?  
> >Yahoo! Finance - Get real-time stock quotes  
> ><http://finance.yahoo.com>  
>  
>  
>

-----  
Date: Wed, 28 Aug 2002 21:33:32 -0400  
From: "Jim" <[ku4qw@yahoo.com](mailto:ku4qw@yahoo.com)>  
To: <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [133583] Re: QRP Motto.  
Message-ID: <000301c24efc\$16cb1bd0\$0100000a@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Esslay isway Oremay

no wait that is pig latin oh well I'll keep trying

Jim - KU4QW

-----  
Date: Wed, 28 Aug 2002 21:37:06 -0400  
From: "Jim" <ku4qw@yahoo.com>  
To: <qrp-1@lehigh.edu>  
Subject: [133584] Source for 450 ohm window line  
Message-ID: <000501c24efc\$95ceac30\$0100000a@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I read with great interst the 88 ' antenna, and I would like to try one out.  
Just don't know a good source for the feed line.

Thanks

Jim - KU4QW

-----  
Date: Wed, 28 Aug 2002 20:47:15 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: ku4qw@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133585] Re: Source for 450 ohm window line  
Message-ID: <3.0.2.32.20020828204715.006b57e4@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Radio Works --- <http://www.radioworks.com>

16 cents a foot for the good quality 16 ga stuff.



At 09:37 PM 8/28/02 -0400, Jim wrote:

>I read with great interest the 88 ' antenna, and I would like to try one out.

>Just don't know a good source for the feed line.

>

>Thanks

>

>Jim - KU4QW

>

>

>

>

>

>WARNING: The remainder of this message has not been transferred.

>The estimated size of this message is 2299 bytes.

>Click on the server retrieve icon above and check mail again to get the whole thing. If the server retrieve icon is not showing, then this message is no longer on the server.

>

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----

Date: Wed, 28 Aug 2002 20:51:25 -0500

From: "Brian" <brian@iquest.net>

To: "QRP-L" <qrp-l@lehigh.edu>, "Pigs" <fpqrp-l@mpna.com>

Subject: [133586] WI7U on the air

Message-ID: <000701c24efe\$9652be60\$16692bd1@bmurrey2K>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Lincoln, WI7U is on the air....just worked him at 14055, he's camping in the mountains of Idaho and running about a watt to a wire in the trees.

If you need Idaho, this is the guy!! Great ears.

=====

KB9BVN/QRP - New Whiteland IN - EM69WN

QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Wed, 28 Aug 2002 21:52:22 -0400  
From: "W8DIZ" <w8diz@fpqrp.com>  
To: <qrp-l@lehigh.edu>, <fpqrp-l@mpna.com>  
Subject: [133587] Consensus of Solderable magnet Wire  
Message-ID: <003d01c24efe\$b7de8af0\$44b71b41@intranet>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

After receiving many emails from the group and some investigating on my part,  
I have come to the conclusion that good solderable magnet wire is Belden's  
"Beldsol" brand of magnet wire. Part number for 30 ga wire is 8055.

There were other brands mentioned without specific part numbers and I'm sure  
they will do the job too, but I'm sticking with Belden.

Thanks to all that helped me identify this stuff.

72, Diz, W8DIZ  
<http://kitsandparts.com>

-----  
Date: Thu, 29 Aug 2002 01:54:54 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: myetsko@insydesw.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133588] Re: Stealth Antennas  
Message-ID: <5.1.0.14.0.20020829013805.02da3ea8@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Pervert is kind of a strong term Mike,

Let's set

#1 says "No outside antennas."

#2 says "No exterior mounted radio, shortwave or television or other type of antenna"

#3 Might actually give me permission.

Now my car must not be as fancy as most as the antenna is clearly visible. When I put my HF antenna on it people say it looks like it will tip the car over. Now you might want to argue that the car does not count. But what about a ground mounted vertical? I suspect the review committee would want to include that in the banned group. Same for a dipole strung between two trees.

I'm just having a bit of fun with them. If they are going to have rules, should be sure they make sense. These don't. When they don't the lawyers have a field day with them and the courts tend to give you all sorts of trouble. You know things like "vague," "too broad," "includes everything."

Reminds me of when MD used to ban cell phones in the schools. Or as they called them "portable pagers." Then they proceeded to define the "portable pages" as "any device capable of communication." Well the TI 83 Plus calculators they required in the schools all had nice infrared ports just to provide communication between two calculators. Seems the calculators were banned. The law was so well written it gave an exception if I had a radio and came to the school as a parent to an "school activity." But if I had a flat tire and pulled into the school parking lot with a CB in the car I was in violation of the law. Of course I had fun telling everyone that the written word was one of the great devices invented by man to facilitate communication and was therefore banned from the schools. Then the ruined my fun by changing the law.

73 de Larry.....WD3P in MD

<http://www.wd3p.net/>

-----  
Date: Wed, 28 Aug 2002 22:08:31 -0400

From: Jim Stiles <jjstiles@optonline.net>

To: sunbyrd@gte.net,

Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [133589] Re: QRP Motto.

Message-ID: <5.1.0.14.2.20020828220658.023fb348@mail-hub.optonline.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

At 07:50 PM 8/28/2002 -0400, Michael Byrd wrote:

>Good Day,

>

>I thought I would throw this in. This past year I was working on a logo  
>for some local QRP group. I wanted to use a slogan or motto to  
>fill a space within the logo. There have been many used even on  
>this list. I decided to go with Latin and it would be simple. The  
>meaning would be "Less is More". I spent over a week searching  
>the internet trying to find a translation into Latin. I did find Latin  
>is difficult and making a direct swap of words may not work.

>

>If anyone can help with this I would appreciate it. I know there are  
>many of you out there ready to show off your skill with this old  
>language.

>

>The local group I was doing this for has become a past memory,  
>but I thought I would create something for QRPers in general.  
>I would then print up coffee cups with a nice logo.

>

>Thanks,

>Mike, AC4UR

Hi Mike:        The best I can dig out of memory is    Minimus Excelsior.

Roughly    The least is the greatest..

73    Jim Stiles        W2NJJ        K2 599

-----

Date: Wed, 28 Aug 2002 22:15:20 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
      "Larry Cahoon" <lejek@erols.com>  
Subject: [133590] Re: Stealth Antennas  
Message-ID: <003701c24f01\$f2bc8d40\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Pervert is kind of a strong term Mike,

>  
> Let's set  
>  
> #1 says "No outside antennas."  
> #2 says "No exterior mounted radio, shortwave or television or other  
type > of antenna"  
> #3 Might actually give me permission.

By your logic, then, because you moved there, you couldn't install  
an outside antenna at your hunting cabin!

The covenant covers your property, NOT your lifestyle, NOT your  
possessions. UNLESS it specifically says you can't park your  
automobile with an antenna in the driveway, which I didn't see  
you post.

And yes, I AM aware of the 'gotchas' that can occur in the law.  
But that's hardly applicable to this situation.

Mike

-----  
Date: Wed, 28 Aug 2002 22:17:30 -0400  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133591] Homebrew QSL's... thx!  
Message-ID: <019301c24f02\$45663410\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi guys,

Wanted to thank you all for your recommendations. I appreciate it. I will  
download QSLMaker and use that.

Thx es 73

Jason Hissong - N8XE  
<http://www.qsl.net/n8xe>  
K2# 1270  
FISTS #6338  
FPQRP #443

ARLHS #661

-----  
Date: Wed, 28 Aug 2002 22:26:07 -0400  
From: Ray Sills <raysills@1stconnect.com>  
To: QRP list <qrp-l@lehigh.edu>  
Subject: [133592] Deed restrictions  
Message-ID: <B992E347.137E9%raysills@1stConnect.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Hi Gang:

I guess this topic is only marginally related to QRP. But, as many have suggested, there are ways of coping with the "restrictions".

My feeling is that all of the antenna restrictions are a result of the fear of two things: a big tower that might fall, and television interference. Thanks to cable TV, the fears of the latter have diminished quite a bit, since it's extremely rare for TVI to penetrate a properly operating cable system. The fears of the former might also be a smokescreen for the "unsightly" nature of a tower.

Perhaps an approach to use with community associations would be to either ask for a waiver to build what you need, and failing that, offer to "compromise" by using only a wire antenna and offer to use very low power (like 5 watts), equivalent to legal CB power. Who knows, it might work!

73 de Ray  
K2ULR  
FN20t1

-----  
Date: Wed, 28 Aug 2002 19:29:16 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133593] Re: QRP Motto.  
Message-ID: <001501c24f03\$dfd63990\$fbb2d1@tjnotebook>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I thought the QRP Motto was "Less Ear Wax - More Conjugation"!!! ;-)

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: <n5ib@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, August 28, 2002 6:22 PM

Subject: Re: QRP Motto.

> Look at the upper right corner of my web page <<http://www.qsl.net/n5ib>>  
> for logo and latin motto:  
>  
> vi minore, plus gaudium  
>  
> less power, more fun  
>  
> not my idea or translation, but my artwork, be sure to decode the Roman  
> numerals too. Anyone who wants to use it, feel free.  
>  
> 72  
> Jim N5IB  
>  
> On Wed, 28 Aug 2002 19:50:22 -0400 Michael Byrd <[sunbyrd@gte.net](mailto:sunbyrd@gte.net)> writes:  
> >Good Day,  
> >  
> >I thought I would throw this in. This past year I was working on a  
> >logo  
> >for some local QRP group. I wanted to use a slogan or motto to  
> >fill a space within the logo. There have been many used even on  
> >this list. I decided to go with Latin and it would be simple.  
>  
>  
> -----  
> GET INTERNET ACCESS FROM JUNO!  
> Juno offers FREE or PREMIUM Internet access for less!  
> Join Juno today! For your FREE software, visit:  
> <http://dl.www.juno.com/get/web/>.  
>

-----

Date: Wed, 28 Aug 2002 19:33:50 -0700  
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>  
To: qrp-1@lehigh.edu  
Subject: [133594] Re: Stealth Antennas  
Message-ID: <078601c24f04\$87f2e060\$0114ad40@computer>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

There is federal preemption for on the air reception devices such as antennas and dishes, of specified size, under federal law. The FCC has adopted regulations to enforce this law. One can run a search at the fcc website for this info.

Unlike PRB-1 this preemption applies to private property situations such as owner's association CCRs and lease covenants.

Every time I see these problems I thank God that I live in a city which exempts Ham antenna installations from most code requirements and that I have a landlady who has no problem with my antenna farm even growing much more. So far I have been a no-code techie with QRP VHF/UHF operation but I hope to upgrade at the next local VE session and start HF QRP.

73 de tim kg6irh.

----- Original Message -----

From: "Larry Cahoon" <lejek@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 5:10 PM  
Subject: Re: Stealth Antennas

> You didn't it far enough. There are some so foolish as to say ALL antennas.

>

> It took me five minutes to find the following for one place - "No outside  
> antennas, antenna poles, antenna masts, or antenna towers are permitted  
> except as approved in writing by the ARB."

> See <http://www.wilshirelakes.org/covenants.htm>

>

> Taken as it stands you must have written approve to take any radio/TV  
> outside - and that includes the one in your car.

>



> Or take this one "No exterior mounted radio, shortwave or television or  
> other type of antenna shall be permitted except on an interior roof, the  
> elevation of which is lower than the surrounding roof so that such antenna  
> installation is not visible from any other site or from the  
> streets." [http://www.officeelectric.com/CWHOA\\_news/Covenants1978.PDF](http://www.officeelectric.com/CWHOA_news/Covenants1978.PDF)  
> I can't even make the one my car legal here. I think it says if it is  
> visible from anywhere I can't have it.  
>  
> I like this one the best. It bans anything electronic until I get their  
> permission.  
>  
> See <http://www.angelfire.com/trek/secretwoods/covenants.html>  
>  
> This one says "Absolutely No Radio Aerial, Television Aerial, Antenna or  
> Electronic Devices on Property."  
>  
> Now they do elaborate with "....nor shall any radio, television aerial or  
> antenna or other exterior electronic or electrical equipment or device be  
> installed on the Properties;.....until the plans and specifications  
> showing the nature, kind, shape, height and materials, and location of the  
> same shall have been submitted to and approved in writing as to harmony of  
> external design and location in relation to surrounding structures and  
> topography by the Board of Directors of the Association or by an  
> Architectural Control Committee composed of three (3) or more  
> representatives appointed by the Board."  
>  
> Now they just might let me put up my antenna with permission. But do note  
> I cannot have anything electronic on the property until I get their  
> permission. Need a new ceiling light in your basement, make sure it's  
> approved. After all the basement is part of the property.  
>  
> 73 de Larry.....WD3P  
> <http://www.wd3p.net/>  
>  
>  
> At 03:47 PM 8/28/2002 -0700, Bill ROWLETT wrote:  
> >Well Rick, I hope those people enjoy opening there own  
> >garage doors, have hard wired phones, and etc.....  
> >All those things have ant. and if they are there my  
> >attic ant. would be too.  
> >  
> >-----  
> >Do You Yahoo!?  
> >Yahoo! Finance - Get real-time stock quotes  
> ><http://finance.yahoo.com>  
>  
>

-----  
Date: Wed, 28 Aug 2002 20:36:07 -0600  
From: William R Colbert <w5xe@juno.com>  
To: ku4qw@yahoo.com, qrp-1@lehigh.edu  
Subject: [133595] Re: Source for 450 ohm window line  
Message-ID: <20020828.203609.-142029.13.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Wireman at <http://thewireman.com/>  
has it along with other antenna components,  
and w7fg has it at his site also. <http://w7fg.com>

Both companies are excellent to deal with and pricing  
is reasonable.

73

Ray

It is amazing what you can accomplish if you do not  
care who gets the credit. HST  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M  
NARTE-NCT2R FP# 111, SOC#78, QRP-ARCI 5784,  
El Paso, (FAR WEST) TEXAS

-----  
Date: Wed, 28 Aug 2002 20:47:28 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
"David Bixler" <qrp@netins.net>  
Subject: [133596] Error in the "Rock-Mite" files enclosure page.  
Message-ID: <00a601c24f06\$6b2462e0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

In my photo essay for making Altoids tin Rock-Mite enclosures,

[http://www.radioactivehams.com/~n0rc/rm/enclosure/altoids\\_enclosure.html](http://www.radioactivehams.com/~n0rc/rm/enclosure/altoids_enclosure.html)  
[http://www.qsl.net/n0rc/rm/enclosure/altoids\\_enclosure.html](http://www.qsl.net/n0rc/rm/enclosure/altoids_enclosure.html)

I called out the wrong push-button switch:

Mountain PB Switch, Mouser# 104-0016, \$1.04

The correct part is:

Mountain PB Switch, Mouser# 104-0013, \$0.79

My apologies for any inconvenience. The web page has been corrected.

73, Rod N0RC

-----  
Date: Wed, 28 Aug 2002 19:55:29 -0700  
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>  
To: qrp-1@lehigh.edu  
Subject: [133597] Re: Deed restrictions  
Message-ID: <001d01c24f07\$917aba60\$ed39fea9@computer>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Wait until you have a disaster and they find out you  
can send health and welfare traffic to their relatives  
and friends. I betta opinions will change then.

73 de tim kg6irh.

----- Original Message -----

From: "Ray Sills" <raysills@1stconnect.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 7:26 PM  
Subject: Deed restrictions

> Hi Gang:

>

> I guess this topic is only marginally related to QRP. But, as many have  
> suggested, there are ways of coping with the "restrictions".

>

> My feeling is that all of the antenna restrictions are a result of the

fear

> of two things: a big tower that might fall, and television interference.  
> Thanks to cable TV, the fears of the latter have diminished quite a bit,  
> since it's extremely rare for TVI to penetrate a properly operating cable  
> system. The fears of the former might also be a smokescreen for the  
> "unsightly" nature of a tower.

>

> Perhaps an approach to use with community associations would be to either  
> ask for a waiver to build what you need, and failing that, offer to  
> "compromise" by using only a wire antenna and offer to use very low power  
> (like 5 watts), equivalent to legal CB power. Who knows, it might work!

>

>

> 73 de Ray

> K2ULR

> FN20t1

>

>

>

>

-----

Date: Wed, 28 Aug 2002 21:58:46 -0500

From: David Gauding <david.gauding@bbs.galilei.com>

To: qrp-l@lehigh.edu

Subject: [133598] 3B8CF - 14.026 @ 0305Z

Message-ID: <5.1.1.6.0.20020828215524.00a101c0@bbs.galilei.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

3B8CF - 14.026 @ 0305Z

Calling CQ - no waiting - nice 569 into midwest.

Worked with Argo 515 and 2W to SLQ portable vertical.

Good luck,

de Dave, NF0R      nf0r@slacc.com

-----

Date: Wed, 28 Aug 2002 23:05:04 -0400

From: Paul Womble <pwomble1@tampabay.rr.com>

To: FP List <fpqrp-1@mpna.com>, QRP-L <qrp-1@lehigh.edu>  
Subject: [133599] Shack Cleaning Sale  
Message-ID: <3D6D8F60.4B0766A@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I did a little cleaning in the shack tonight and found some things I'm just not using. All prices include shipping in the US. Will ship to DX stations but contact me for shipping prices. Please let me know if you have any questions about any of the items.

New capacitors. 50/\$3 or 100/\$5

100uuf 5% mica (101J)

4.7 uf 35v mini electrolytic

.022 uf 10% ceramic

1 - Resistor kit. \$17

50 1/4 watt resistors in each of the following values:

18, 22, 27, 39, 51, 62, 68, 75, 82, 100, 120, 240, 300, 510, 910,  
1.2K, 3.3K, 6.2K, 7.5K, 9.1K, 12K, 51K, 56K, 75K, 91K, 120K, 620K,  
750K, 820K, 1M, 2.7M, 3.3M

1- Norcal Toroid Kit. \$25

25 Quantity T37-2

25 Quantity T37-6

25 Quantity T50-2

25 Quantity T50-6

10 Quantity T50-7

25 Quantity FT37-43 Ferrite

25 Quantity FT37-61 Ferrite

15 Quantity Ferrite Bead

1 - NJQRP Islander Pad Cutter \$8

1 - AZ ScQRPions Stinger Singer Frequency Counter \$19

2 - LMB #CR531 enclosures. 3" x 5.5" x 1.25" \$3 each or both for \$5

1 - Vectronics VEC-1500K Comprehensive Soldering Course Kit. \$23  
(\$29.99 new)

1 - Grizzly G8780 Hand Punch. \$24  
[http://www.grizzly.com/products/item.cfm?](http://www.grizzly.com/products/item.cfm?Product_ID=10070&&User_ID=1975790&St=2611&St2=75605207&St3=-41152211&DS_ID=1)  
[Product\\_ID=10070&&User\\_ID=1975790&St=2611&St2=75605207&St3=-41152211&DS\\_ID=1](http://www.grizzly.com/products/item.cfm?Product_ID=10070&&User_ID=1975790&St=2611&St2=75605207&St3=-41152211&DS_ID=1)

1 - 1972 ARRL Radio Amateurs Handbook. \$12

1 - RCA Solid State Devices Manual \$12

Paul K4FB

-----  
Date: Wed, 28 Aug 2002 20:13:55 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133600] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <015401c24f0a\$1e2e1900\$b4562aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Vic wrote:

>  
> I'm working on building a small loop antenna; I had planned on using  
> plumbing solder (silver bearing, no lead) along with the proper flux,  
> to  
> join the copper pipes and elbows. However, one of my antenna books,  
> "HF  
> ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but  
> if  
> they are necessary, brazing or welding is the way to make them. Soft  
> solder will cause trouble in a short time."

I'm glad no one told me that before I built my 2M J-pole. It was still working fb when I took it down after 10 years.

Bob Baxter AA7EQ  
Bisbee, Az.

-----  
Date: Wed, 28 Aug 2002 21:41:23 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [133601] Re: Stealth antennas - long  
Message-ID: <20020828.214124.-142029.14.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That type of loop will work pretty well, Steve. There was an article in Sprat a couple of years ago where the fellow had vinyl gutters and downspouts - cant load those very well. So after determining that they went all the way around, he laid a wire in the gutter for the entire circumference of the house and fed it with the lightweight 300 ohm feeders. Totally out of sight and said it worked well. Keep in mind it was a 2 story residence. I guess most newer houses and condos have the vinyl gutter/downspouts these days. A piece of wire dropped down the downspout and fed near the bottom (away from the water flow) would make a nice vertical.

As Bruce alluded to in an earlier post, there are numerous ways to get a signal out. Aluminium patio umbrellas work well on most bands - very touchy on 80, tho. If one has a large bay window, I like using the copper tape used by alarm companies and/or stained glass artisans. It can also be used on wood backing and painted over with a non-lead based paint - same with a length of magnet wire stapled to the fascia board of the house. Won't be noticeable.

For mobile operation, I have used the rear window defroster as it becomes a reasonable length at 10 and 15 meters. VHF is not as bad for a mobile, but surely if they object to the external antenna on a vehicle, curb feelers work well and are able to hit local repeaters easily. I guess curb feelers are still available? Many ways to get a radiating antenna system that is not obvious as such.

73

Ray

It is amazing what you can accomplish if you do not  
care who gets the credit. HST

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M  
NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,  
El Paso,(FAR WEST)TEXAS

-----  
Date: Wed, 28 Aug 2002 23:19:49 -0400  
From: "W2WU" <w2wurjj@verizon.net>  
To: <lejek@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133602] Re: Stealth Antennas  
Message-ID: <005701c24f0e\$f466a7e0\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How can your association regulate automobile antennas? It must disturb their  
esthetical values. Will they next ban any public safety vehicles from  
driving by & what about those obnoxious boom boxes (noise pollution). At  
least we provide emergency communications. The answer? Deny them any adjunct  
assistance until they come crawling! Then have your lease modified or render  
no assistance.

----- Original Message -----

From: Larry Cahoon <lejek@erols.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: 28 August, 2002 21:54  
Subject: Re: Stealth Antennas

> Pervert is kind of a strong term Mike,  
>  
> Let's set  
>  
> #1 says "No outside antennas."  
> #2 says "No exterior mounted radio, shortwave or television or other type  
> of antenna"  
> #3 Might actually give me permission.  
>  
> Now my car must not be as fancy as most as the antenna is clearly  
> visible. When I put my HF antenna on it people say it looks like it will  
> tip the car over. Now you might want to argue that the car does not  
> count. But what about a ground mounted vertical? I suspect the review  
> committee would want to include that in the banned group. Same for a



> dipole strung between two trees.  
>  
> I'm just having a bit of fun with them. If they are going to have rules,  
> should be sure they make sense. These don't. When they don't the lawyers  
> have a field day with them and the courts tend to give you all sorts of  
> trouble. You know things like "vague," "too broad," "includes  
everything."  
>  
> Reminds me of when MD used to ban cell phones in the schools. Or as they  
> called them "portable pagers." Then they proceeded to define the  
"portable  
> pages" as "any device capable of communication." Well the TI 83 Plus  
> calculators they required in the schools all had nice infrared ports just  
> to provide communication between two calculators. Seems the calculators  
> were banned. The law was so well written it gave an exception if I had a  
> radio and came to the school as a parent to an "school activity." But if  
I  
> had a flat tire and pulled into the school parking lot with a CB in the  
car  
> I was in violation of the law. Of course I had fun telling everyone that  
> the written word was one of the great devices invented by man to  
facilitate  
> communication and was therefore banned from the schools. Then the  
ruined  
> my fun by changing the law.  
>  
> 73 de Larry.....WD3P in MD  
> <http://www.wd3p.net/>  
>  
>  
>

-----  
Date: Wed, 28 Aug 2002 23:31:01 -0400  
From: "W2WU" <w2wurjj@verizon.net>  
To: <raysills@1stconnect.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133603] Re: Deed restrictions  
Message-ID: <005901c24f0e\$f58b9fe0\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We need public/private housing that permits Amateur Radio, not ineffectual

organizations, self serving organizations.

----- Original Message -----

From: Ray Sills <raysills@1stconnect.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: 28 August, 2002 22:26

Subject: Deed restrictions

> Hi Gang:

>

> I guess this topic is only marginally related to QRP. But, as many have  
> suggested, there are ways of coping with the "restrictions".

>

> My feeling is that all of the antenna restrictions are a result of the  
fear

> of two things: a big tower that might fall, and television interference.

> Thanks to cable TV, the fears of the latter have diminished quite a bit,

> since it's extremely rare for TVI to penetrate a properly operating cable  
> system. The fears of the former might also be a smokescreen for the

> "unsightly" nature of a tower.

>

> Perhaps an approach to use with community associations would be to either

> ask for a waiver to build what you need, and failing that, offer to

> "compromise" by using only a wire antenna and offer to use very low power

> (like 5 watts), equivalent to legal CB power. Who knows, it might work!

>

>

> 73 de Ray

> K2ULR

> FN20t1

>

>

>

>

-----  
Date: Wed, 28 Aug 2002 22:26:38 -0500

From: "Tim, N9PUZ" <n9puz@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [133604] Re: Stealth Antennas

Message-ID: <200208290348.WAA04260@steel.eosinc.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

This sure used to be a fun mailing list before it got so bogged= down in the weasel words and general whining of and about= restrictive covenants. Perhaps it should be renamed Low Quality= Amateur Radio Discussion.

Tim N9PUZ

-----  
Date: Wed, 28 Aug 2002 22:57:02 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: w2wurjj@verizon.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133605] Re: Stealth Antennas  
Message-ID: <015901c24f10\$225ee2b0\$05dad840@DaveSjolin>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Im sure there are associations and neighborhoods where they may prohibit parking your car any where except in a closed garage. If thats the case, so much for that option.

Dont assume that if they have antenna restrictions that they stopped there. They likely have other rules as well.

73 de Dave, N0IT

----- Original Message -----

From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 10:19 PM  
Subject: Re: Stealth Antennas

> How can your association regulate automobile antennas? It must disturb their  
> esthetical values. Will they next ban any public safety vehicles from  
> driving by & what about those obnoxious boom boxes (noise pollution). At  
> least we provide emergency communications. The answer? Deny them any adjunct  
> assistance until they come crawling! Then have your lease modified or render  
> no assistance.

> ----- Original Message -----

> From: Larry Cahoon <lejek@erols.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: 28 August, 2002 21:54  
> Subject: Re: Stealth Antennas  
>  
>  
> > Pervert is kind of a strong term Mike,  
> >  
> > Let's set  
> >  
> > #1 says "No outside antennas."  
> > #2 says "No exterior mounted radio, shortwave or television or other  
type  
> > of antenna"  
> > #3 Might actually give me permission.  
> >  
> > Now my car must not be as fancy as most as the antenna is clearly  
> > visible. When I put my HF antenna on it people say it looks like it  
will  
> > tip the car over. Now you might want to argue that the car does not  
> > count. But what about a ground mounted vertical? I suspect the review  
> > committee would want to include that in the banned group. Same for a  
> > dipole strung between two trees.  
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> > I'm just having a bit of fun with them. If they are going to have  
rules,  
> > should be sure they make sense. These don't. When they don't the  
lawyers  
> > have a field day with them and the courts tend to give you all sorts of  
> > trouble. You know things like "vague," "too broad," "includes  
> everything."  
> >  
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> > called them "portable pagers." Then they proceeded to define the  
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> > to provide communication between two calculators. Seems the calculators  
> > were banned. The law was so well written it gave an exception if I had  
a  
> > radio and came to the school as a parent to an "school activity." But  
if  
> I  
> > had a flat tire and pulled into the school parking lot with a CB in the  
> car  
> > I was in violation of the law. Of course I had fun telling everyone

that

> > the written word was one of the great devices invented by man to  
> facilitate  
> > communication and was therefore banned from the schools. Then the  
> ruined  
> > my fun by changing the law.  
> >  
> > 73 de Larry.....WD3P in MD  
> > <http://www.wd3p.net/>  
> >  
> >  
> >  
>  
>  
>

-----  
Date: Wed, 28 Aug 2002 20:58:43 -0700  
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>  
To: qrp-1@lehigh.edu  
Subject: [133606] Re: Stealth Antennas  
Message-ID: <00c001c24f10\$5e6bf680\$ed39fea9@computer>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Those damn boom boxes and vehicle sound systems  
make me wish, almost every time one goes by my  
QTH, that I had a 10KW linear which I could key  
to override that noise pollution with some QRM. Oh,  
well, Riley can not take my ticket away for fantasizing.  
73 de tim kg6irh.

----- Original Message -----

From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 8:19 PM  
Subject: Re: Stealth Antennas

> How can your association regulate automobile antennas? It must disturb  
their  
> esthetical values. Will they next ban any public safety vehicles from  
> driving by & what about those obnoxious boom boxes (noise pollution). At  
> least we provide emergency communications. The answer? Deny them any  
adjunct

> assistance until they come crawling! Then have your lease modified or  
render  
> no assistance.  
> ----- Original Message -----  
> From: Larry Cahoon <lejek@erols.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: 28 August, 2002 21:54  
> Subject: Re: Stealth Antennas  
>  
>  
> > Pervert is kind of a strong term Mike,  
> >  
> > Let's set  
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> >  
> > 73 de Larry.....WD3P in MD  
> > <http://www.wd3p.net/>  
> >  
> >  
> >  
>  
>

-----  
Date: Wed, 28 Aug 2002 21:00:15 -0700  
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>  
To: qrp-1@lehigh.edu  
Subject: [133607] Re: Deed restrictions  
Message-ID: <00c801c24f10\$94f5c140\$ed39fea9@computer>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Actually there would be a very good argument that  
public housing, as a government entity, would be bound  
by PRB-1 and must reasonably accomodate Amateur  
Radio. 73 de tim kg6irh.

----- Original Message -----

From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 8:31 PM  
Subject: Re: Deed restrictions

> We need public/private housing that permits Amateur Radio, not ineffectual  
> organizations, self serving organizations.  
> ----- Original Message -----  
> From: Ray Sills <raysills@1stconnect.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: 28 August, 2002 22:26

> Subject: Deed restrictions  
>  
>  
> > Hi Gang:  
> >  
> > I guess this topic is only marginally related to QRP. But, as many have  
> > suggested, there are ways of coping with the "restrictions".  
> >  
> > My feeling is that all of the antenna restrictions are a result of the  
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> > of two things: a big tower that might fall, and television  
interference.  
> > Thanks to cable TV, the fears of the latter have diminished quite a bit,  
> > since it's extremely rare for TVI to penetrate a properly operating  
cable  
> > system. The fears of the former might also be a smokescreen for the  
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either  
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> > "compromise" by using only a wire antenna and offer to use very low  
power  
> > (like 5 watts), equivalent to legal CB power. Who knows, it might work!  
> >  
> >  
> > 73 de Ray  
> > K2ULR  
> > FN20t1  
> >  
> >  
> >  
> >  
>  
>

-----  
Date: Wed, 28 Aug 2002 21:11:30 -0700  
From: "Dave Martin" <k2zu@seanet.com>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [133608] Re: Consensus of Solderable magnet Wire  
Message-ID: <000301c24f12\$27e63880\$f0a32640@davemartin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



You might give Amidon Associates a call. At one time they sold small spools of several gauges for about \$5 a roll. Good Luck in your hunt.  
Dave K2ZU

-----  
Date: Thu, 29 Aug 2002 01:34:49 -0500  
From: Darrel Swenson <k0awb@tconl.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133609] Re: Stealth Antennas  
Message-ID: <3D6DC089.4DB76493@tconl.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I really hate to wade into what is essentially not a QRP discussion, but it does affect a lot of hams in a lot of areas of the country. This is also a subject that has recently become very important to me. My wife has DECIDED we want a new house. I don't want to go into that discussion... but we are building a new house.

I have spent the last three months looking into covenant restrictions in and around Omaha. In a nut shell... there have not been any housing developments built in Omaha (or the two counties surrounding Omaha) in the last 15 to 20 years that do not have restrictions prohibiting or severely restricting amateur radio antennas in one way or another. I have looked at the covenants for about 15 of the sub-divisions currently under construction. The language is simply being "cloned." All of them prohibit any kind of outside antenna. Many prohibit flag poles. All require advance approval for any kind of outside "improvement." (A catch all phrase that allows them to prohibit anything they forgot about when they wrote the covenants.)

I hear that other cities in other parts of the country have the same situation.

These are not "prestige...closed neighborhoods." These are just plain ordinary neighborhoods with new houses ranging upward from about \$100,000. The 10 or so I was interested in, were not interested in any "negotiations."

At least in Omaha, you DO NOT buy a house in a "deed restricted neighborhood" by CHOICE. You do it because there is NOTHING else available.

Building or remodeling in an older neighborhood is possible, but not financially practical. Such improvements depreciate rapidly as opposed to new construction which generally appreciates in value. (My other investments are depreciating fast enough!)

Moving to a rural area (if one were available within a reasonable commute to work,) is also restricted. Zoning regulations in the neighboring counties severely restrict "un-planned development." I'm not sure you could put a house on a 40 acre farm anymore!

I would just like to see a law/regulation that required "reasonable accommodation." As the regulations stand now they don't have to talk to me. With "reasonable accommodation" maybe we could find a compromise. I don't need a 100 feet of tower. I would just like a vertical long enough to have some efficiency on 80M or a low dipole.

K0AWB... Darrel (trying to design an 80M antenna in the attic)  
Swenson...

-----  
Date: Thu, 29 Aug 2002 09:51:16 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: ctrask@primenet.com, qrp-1@lehigh.edu  
Subject: [133610] Re: Linearized Mixers and Amplifiers  
Message-ID: <F1191n3A6EFTB8CYn390001bdc3@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Chris Trask <ctrask@primenet.com>  
>Reply-To: ctrask@primenet.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Linearized Mixers and Amplifiers  
>Date: Wed, 28 Aug 2002 16:39:08 -0700 (MST)  
>  
>  
> I was asked if I would post the URLs for the two schematics that I  
>put on my web page for the series/shunt feedback mixer:  
>  
> <http://www.primenet.com/~ctrask/SSFBMxr1.pdf>

I'm working on a PCB for Chris's mixer. It'll be about 2" square with SMB connectors, double-sided with a top ground plane - quite easy to make at

home.

The CA3054 and CA3102 devices can be difficult to find, but I have a source here in the UK with access to thousands of them.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Thu, 29 Aug 2002 06:44:55 -0400

From: "Pastor-KC1DI" <elbc@pivot.net>

To: <kg4htt@juno.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [133611] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS

Message-ID: <002601c24f49\$201a5a00\$8183fea9@dor>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Victor Dively" <kg4htt@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, August 28, 2002 21:10

Subject: ANTENNAS: LOOP CONSTRUCTION/JOINTS

>

> I'm working on building a small loop antenna; I had planned on using  
> plumbing solder (silver bearing, no lead) along with the proper flux, to  
> join the copper pipes and elbows. However, one of my antenna books, "HF  
> ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but if  
> they are necessary, brazing or welding is the way to make them. Soft  
> solder will cause trouble in a short time."  
>

> Any experience/guidance on the best method for joining the pipes and  
> elbows? Longevity experience? Efficiency/loss issues? Thanks.

>  
> Vic  
> KG4HTT  
Hi Vic,

>From my experience the brazing worked quite well I used copper brazing wire.  
However latter on another loop I was able to get a muffler shop to bend my  
pipe into a perfect solid circle.  
Hope this helps,  
73/72 dave kc1di

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.384 / Virus Database: 216 - Release Date: 8/21/02

-----  
Date: Thu, 29 Aug 2002 06:53:26 -0400  
From: "John Dorson" <jdorson@worldshare.net>  
To: <kg4htt@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133612] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <002e01c24f4a\$51cf27a0\$799a8b41@atwork>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The statement is not really true in the real world. I belong to a small  
group that operate in a park and we all use home brew mag loops most use  
solder connections. A couple of the current loops, mine included, are made  
from a single piece of copper tubing. BTW the solder used is regular  
plumbing solder. As far as performance these guys work anywhere from short  
skip to some good DX. Frequencies used are 30,20,17 and 10 meters.

John K2JHU...  
----- Original Message -----  
From: "Victor Dively" <kg4htt@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 9:10 PM  
Subject: ANTENNAS: LOOP CONSTRUCTION/JOINTS

>

> I'm working on building a small loop antenna; I had planned on using  
> plumbing solder (silver bearing, no lead) along with the proper flux, to  
> join the copper pipes and elbows. However, one of my antenna books, "HF  
> ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but if  
> they are necessary, brazing or welding is the way to make them. Soft  
> solder will cause trouble in a short time."  
>  
> Any experience/guidance on the best method for joining the pipes and  
> elbows? Longevity experience? Efficiency/loss issues? Thanks.  
>  
> Vic  
> KG4HTT  
>  
> -----  
> GET INTERNET ACCESS FROM JUNO!  
> Juno offers FREE or PREMIUM Internet access for less!  
> Join Juno today! For your FREE software, visit:  
> <http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 29 Aug 2002 07:40:02 -0400  
From: Dave Fouchey <dafouchey@comcast.net>  
To: kg6cyn@earthlink.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133613] Re: QRP Motto.  
Message-ID: <4.1.20020829073933.0097b100@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

But Trevor we need that in LATIN...

Dave  
WA4EMR

At 07:29 PM 8/28/02 -0700, Trevor Jacobs wrote:  
>I thought the QRP Motto was "Less Ear Wax - More Conjugation"!!! ;-)  
>  
>73's Trev KG6CYN  
><http://home.earthlink.net/~kg6cyn>  
><http://www.qsl.net/kg6cyn>  
>----- Original Message -----  
>From: <n5ib@juno.com>  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Sent: Wednesday, August 28, 2002 6:22 PM  
>Subject: Re: QRP Motto.

>  
>  
>> Look at the upper right corner of my web page <<http://www.qsl.net/n5ib>>  
>> for logo and latin motto:  
>>  
>> vi minore, plus gaudium  
>>  
>> less power, more fun  
>>  
>> not my idea or translation, but my artwork, be sure to decode the Roman  
>> numerals too. Anyone who wants to use it, feel free.  
>>  
>> 72  
>> Jim N5IB  
>>  
>> On Wed, 28 Aug 2002 19:50:22 -0400 Michael Byrd <[sunbyrd@gte.net](mailto:sunbyrd@gte.net)> writes:  
>> >Good Day,  
>> >  
>> >I thought I would throw this in. This past year I was working on a  
>> >logo  
>> >for some local QRP group. I wanted to use a slogan or motto to  
>> >fill a space within the logo. There have been many used even on  
>> >this list. I decided to go with Latin and it would be simple.  
>>  
>>  
>> -----  
>> GET INTERNET ACCESS FROM JUNO!  
>> Juno offers FREE or PREMIUM Internet access for less!  
>> Join Juno today! For your FREE software, visit:  
>> <http://dl.www.juno.com/get/web/>.  
>>  
>

-----  
Date: Thu, 29 Aug 2002 08:00:46 EDT  
From: NA1XX@aol.com  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [133614] QRP Motto in Latin  
Message-ID: <[a6.2b6da9db.2a9f66ee@aol.com](mailto:a6.2b6da9db.2a9f66ee@aol.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

It's not often that the tools of my professional trade come in handy on this list, but here is one time that they do!

"Less is more" = Minus Plus Est

Or another version I came up with a few years ago:

"More enjoyment with less power" = Plus Gaudii, Vi Minore

Maybe Nils can come up with something in Sansrit or Hyksos too if you ask him nice.

72

NA1XX

Mike Connelly

North Weymouth MA

QRP-L # 1588

"When All Else Fails ... CW."

-----  
Date: Thu, 29 Aug 2002 07:06:29 -0500  
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "QRP-L Distribute" <qrp-l@lehigh.edu>  
Subject: [133615] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <001301c24f54\$87a24100\$0636a6d8@texas.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Victor,

The main reason for not using regular solder in such an application is most likely due to the fact that normal solder is very weak mechanically and may fracture after a short time. I, like John K2JHU, have had good success with "sweated" copper plumbing joints although I have not performed any efficiency tests to compare it with a continuous piece of copper. I prefer a continuous loop.

In response to Bob, AA7EQ, there are many misconceptions about small loop antennas. Because of the extremely low radiation resistance of small loops, the efficiency is directly effected by connection and conductor losses, unlike a high radiation resistance antenna such as the J-Pole that he refers to. A J-Pole could be made from a "wet noodle" and still have reasonable efficiency ;-)

73,

Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

<http://www.qsl.net/aa5tb/loop.html> (small loops)

-----  
Date: Thu, 29 Aug 2002 12:40:20 +0000 (GMT)  
From: <adamvaz@palm.net>  
To: <kg6irh@pacbell.net>, <qrp-l@lehigh.edu>  
Subject: [133616] Re: Deed restrictions in Public Housing  
Message-ID: <20020829124020.06BBD4526@mo130uhou.palm.net>  
Mime-Version: 1.0  
Content-Type: text/plain ; boundary="-----=\_Part\_16812\_7299686.1030624820031"

Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net> wrote:

-----  
> Actually there would be a very good argument that  
> public housing, as a government entity, would be bound  
> by PRB-1 and must reasonably accomodate Amateur  
> Radio. 73 de tim kg6irh.

Unfortunately, the language of my lease in public housing is very specific: 'no transmitters of amateur use allowed'. That language is from the 1950s.

---  
Adam Vazquez  
Kb2Jpd

---  
This email was sent from my Palm(TM) i705 handheld (www.palm.com)

-----  
Date: Thu, 29 Aug 2002 08:39:35 -0400  
From: "Leech Mike (AP/EAT1)" <Mike.Leech@us.bosch.com>  
To: "QRP-L (send messages) (E-mail)" <qrp-l@lehigh.edu>  
Subject: [133617] F.I.R.S.T.  
Message-ID: <33A699A764F7D3118E440002A5136E6F4B52E9@fhmail4.fh.us.bosch.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Does anyone on the list participate in the F.I.R.S.T. Robotics competition.

PLEASE DO NOT FLAME ME FOR BEING OFF SUBJECT.



With the beginning of the new school year my juices are beginning to stir again and I just wanted to know if there were any more Hams that were working with the kids.

Thanks - Mike - KF8FG

Mike Leech  
Senior Technician - AN/EAT1  
E-mail: Mike.Leech@us.bosch.com

-----  
Date: Thu, 29 Aug 2002 08:50:30 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [133618] Re: What's a Ham to do?  
Message-ID: <5.1.0.14.1.20020829084714.00a72080@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Bob,

I worked with a guy who did a lot of 8051 development. He had written a monitor program that used a Morse "terminal" (a light and a single input bit) for debugging. He'd link it with the application under development.

When you don't have to deal with noise, a Morse decoder is surprisingly simple to write.

Dave

>There is a status LED on-board that can be written, so I added some code to  
>illuminate us about the nature of the problem. I tried various values until I  
>got the delay loop just right. Now, the LED blinks out Morse at around 10 wpm  
>and this has been an invaluable 'display' for us. The guys are amazed that I  
>knew the code off the top of my head. They think the board is offering a  
>greeting when it powers up with a "HI HI". Who says irony is dead? ;-}

-----  
I'd rather be thought ignorant than stupid. Ignorance is curable.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 29 Aug 2002 09:29:41 -0400  
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [133619] Wilderness Radio K1 Keyer Issue  
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D306D0@ev008msxaege.ae.ge.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

I have a K1 keyer that I've installed in a separate enclosure for use with my TS-940. I find that I'm getting a lot of noise from the keyer in my receiver. After I unkey, I get a momentary tone in the receiver.

I like the keyer (I'm used to using it on my Norcal 40A). Is there a way to get rid if this?

Mark, AA4MF

-----  
Date: Thu, 29 Aug 2002 06:39:23 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <kg4htt@juno.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133620] Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <005101c24f61\$b97b1af0\$9110010a@fresno>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have never had any trouble with properly soldered joints on my small loops. Just make sure both surfaces to be soldered are squeaky clean and are fluxed. Use a propane torch to heat the surfaces to the point where the solder is sucked up between the parts by capillary action.

=====  
Bill Jones - <><  
Sanger, California  
=====

----- Original Message -----  
From: "Victor Dively" <kg4htt@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, August 28, 2002 18:10 PM  
Subject: ANTENNAS: LOOP CONSTRUCTION/JOINTS

>  
> I'm working on building a small loop antenna; I had planned on using  
> plumbing solder (silver bearing, no lead) along with the proper flux, to  
> join the copper pipes and elbows. However, one of my antenna books, "HF  
> ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but if  
> they are necessary, brazing or welding is the way to make them. Soft  
> solder will cause trouble in a short time."  
>  
> Any experience/guidance on the best method for joining the pipes and  
> elbows? Longevity experience? Efficiency/loss issues? Thanks.  
>  
> Vic  
> KG4HTT  
>  
> -----  
> GET INTERNET ACCESS FROM JUNO!  
> Juno offers FREE or PREMIUM Internet access for less!  
> Join Juno today! For your FREE software, visit:  
> <http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 29 Aug 2002 09:52:04 -0400  
From: "Ed Kessler" <aa3sj@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [133621] QRP Rigs For Sale  
Message-ID: <3D6DEEC4.30179.4E36637@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Good Morning,

I am doing some shack cleaning -- seems like I can never set it up in a permanent way. "Varied states of disarray" is the best way to describe it.

For Sale:

Norcal Cascade -- \$135 plus \$8 shipping  
This is built and working very nicely. I'm just not a SSB op. I have the enclosure painted metalflake cherry red and with the black knobs and hardware it looks very attractive. 20m / 80m modules included as well as the original manual. I will also include a Radio Shack speaker mic.

KD1JV MS-30 -- \$60 plus \$6 shipping

This is also built and working fine. Sensitive receiver and high audio output. Output is about 3.5 watts although the manual specifies 5 watts. I tuned up this rig

with my scope and 3.5 watts is all I can squeeze out of it. Enclosed in a diecast aluminum enclosure measuring 3.5W x 4.5D x 1.25H. Also painted metalflake cherry red with black knobs. RF output jack is a gold plated RCA jack. Original manual included.

Yaesu FT-817 -- \$600 plus \$10 shipping (I will insure at no extra cost.)

Like new with original manual. INRAD 400Hz CW filter is installed. A couple of extra power cords included.

I thought I'd give the QRP-L group a shot at these before I list them on the infamous auction page.

Thanks for the bandwidth,  
Ed AA3SJ

Ed Kessler  
950 Woodside Station Road  
Millersburg, PA 17061

-----  
Date: Thu, 29 Aug 2002 09:02:17 -0500  
From: "Mark Andrews" <KE4IOF@ke4iof.com>  
To: <k0awb@tcon1.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133622] Re: Stealth Antennas  
Message-ID: <001a01c24f64\$b0374010\$b16e640a@vitalworks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It sounds like you need to move out of Nebraska!

My wife and I are moving to my hometown. We are looking for a house with acreage so we don't have to put up with neighbors, I can have my antenna farm AND it is close enough to the central switching office so we can have a DSL connection. These places do exist, but you really have to look for them.

I'm not going to whine about not being able to move into one neighborhood or another because I don't agree with a PRIVATE covenant. A covenant is a PRIVATE contract between mutually consenting adults. Nobody is forced to

sign one. If they want to live that way, then fine by me. I think they have a perfect right to agree up front that all of them will follow a set of rules. If I don't agree with the rules, then I am free to look elsewhere.

There is still lots of cheap prairie available. Even in the Southeast land is cheap and plentiful. Yeah, I might not be 5 minutes from work, or near a neighborhood park. I might even have to drive 30 minutes to Wal-Mart. However, that is the choice I make. If I wanted to be closer in, I'll give up some of my preferences, sign a covenant and live by the rules.

Mark

-----  
Mark A. Andrews

----- Original Message -----

From: "Darrel Swenson" <k0awb@tconl.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, August 29, 2002 1:34 AM

Subject: Re: Stealth Antennas

> I really hate to wade into what is essentially not a QRP  
> discussion, but it does affect a lot of hams in a lot of areas of  
> the country. This is also a subject that has recently become very  
> important to me. My wife has DECIDED we want a new house. I  
> don't want to go into that discussion... but we are building a new  
> house.

>

> I have spent the last three months looking into covenant  
> restrictions in and around Omaha. In a nut shell... there have  
> not been any housing developments built in Omaha (or the two  
> counties surrounding Omaha) in the last 15 to 20 years that do not  
> have restrictions prohibiting or severely restricting amateur  
> radio antennas in one way or another. I have looked at the  
> covenants for about 15 of the sub-divisions currently under  
> construction. The language is simply being "cloned." All of them  
> prohibit any kind of outside antenna. Many prohibit flag poles.  
> All require advance approval for any kind of outside  
> "improvement." (A catch all phrase that allows them to prohibit  
> anything they forgot about when they wrote the covenants.)

>

> I hear that other cities in other parts of the country have the  
> same situation.

>

> These are not "prestige...closed neighborhoods." These are just  
> plain ordinary neighborhoods with new houses ranging upward from  
> about \$100,000. The 10 or so I was interested in, were not

> interested in any "negotiations."  
>  
> At least in Omaha, you DO NOT buy a house in a "deed restricted  
> neighborhood" by CHOICE. You do it because there is NOTHING else  
> available.  
>  
> Building or remodeling in an older neighborhood is possible, but  
> not financially practical. Such improvements depreciate rapidly  
> as opposed to new construction which generally appreciates in  
> value. (My other investments are depreciating fast enough!)  
>  
> Moving to a rural area (if one were available within a reasonable  
> commute to work,) is also restricted. Zoning regulations in the  
> neighboring counties severely restrict "un-planned development."  
> I'm not sure you could put a house on a 40 acre farm anymore!  
>  
> I would just like to see a law/regulation that required  
> "reasonable accommodation." As the regulations stand now they  
> don't have to talk to me. With "reasonable accommodation" maybe  
> we could find a compromise. I don't need a 100 feet of tower. I  
> would just like a vertical long enough to have some efficiency on  
> 80M or a low dipole.  
>  
> K0AWB... Darrel (trying to design an 80M antenna in the attic)  
> Swenson...

-----  
  
Date: Thu, 29 Aug 2002 10:08:00 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133623] RE: QRP Motto in Latin  
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D8CF3@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

How about "Less Power to You!"

I once told Mark Wilson that QRPers do it until the QSO is complete. He =  
retorted that QRPers do it with little ones. I skulked off, soundly =  
defeated. :-)

73,=20  
Ed Hare, W1RFI

ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: NA1XX@aol.com [mailto:NA1XX@aol.com]  
> Sent: Thursday, August 29, 2002 8:01 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: QRP Motto in Latin  
>=20  
>=20  
> It's not often that the tools of my professional trade come=20  
> in handy on this=20  
> list, but here is one time that they do!  
>=20  
> "Less is more" =3D Minus Plus Est  
>=20  
> Or another version I came up with a few years ago:  
>=20  
> "More enjoyment with less power" =3D Plus Gaudii, Vi Minore  
>=20  
> Maybe Nils can come up with something in Sansrit or Hyksos=20  
> too if you ask him=20  
> nice.  
>               72  
> NA1XX  
> Mike Connelly  
> North Weymouth MA  
> QRP-L # 1588  
> "When All Else Fails ... CW."  
>=20

-----

Date: Thu, 29 Aug 2002 07:21:09 -0700  
From: <ac7a@gci-net.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133624] FOX: AC7A Tonight 8-29  
Message-ID: <web-277243@gci-net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"  
Content-Transfer-Encoding: 8bit

All,

In case you missed my original message, I am FOX no. 17 in tonight's hunt (8-29). I will be calling around 14.061 to 14.062MHz, and listening up 1 to 2 KHz.

See you then,

Thomas - AC7A (Tucson)

-----  
Date: Thu, 29 Aug 2002 09:27:03 -0400  
From: "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
To: qrp-l@lehigh.edu, neqrp@jonal.net  
Subject: [133625] Results from last Tuesdays NEQRP SSB Net  
Message-ID: <0F4ECF94C1.99B23513-ON85256C24.00488870@and.us.ray.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Was a great night with fairly good band conditions with 8 check-ins:

|        |       |          |                             |
|--------|-------|----------|-----------------------------|
| KC1FB  | Jim   | CT       | FT-7                        |
| K1CL   | Chuck | MA       | FT-840                      |
| K1RC   | John  | MA       |                             |
| VE2EQL | John  | Montreal | FT-817                      |
| WY1W   | Butch | CT       | Jupiter                     |
| W1MAS  | Mike  | MA       | TT ARGO 556                 |
| N1XTK  | Keith | CT       | FT-817                      |
| KA3WMJ | Ken   | PA       | FT-817 via relay from KC1FB |

Also received an email from Ben Pfeiffer (?any relation?) in Ohio who heard me on 7.286!

Thanks to all who participated and to those who tried.

Next week I will not have access to computer to send out the notice on Monday for next Tuesdays net but I will be there. Enjoy holiday weekend.

Ron - N1ZSW  
Net Control Worcester,MA K2

-----  
Date: Thu, 29 Aug 2002 15:10:53 GMT  
From: na5n@zianet.com



To: kg6cyn@earthlink.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133626] Re: near Bishop,CA +weather  
Message-ID: <20020829151053.22193.qmail@zianet.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Trevor Jacobs writes:

> It's that time of the year again, time for the annual camping trip to  
> White Mountain ... a 14er here in CA near Bishop,CA. We'll be camping  
> around 7000 Ft above sea level.

Trevor,

Sounds like a nice trip, and nice country. One of our VLBA antennas sits south of Bishop looking at the White Mountains (actually, closer to Big Pine). The weather has been nice there. I've had to travel to the site several times, and have seen snow on that mountain late into the year!

In fact, our weather station and webcam is accessible on the web if you want to check the weather or view before you take off. It is at: <http://magnolia.nrao.edu/cgi-bin/weather.cgi>  
Look at the column for "OV" (Owens Valley) and the webcam button is at the very bottom. We steer the webcam to checkout the site or antenna, so who knows what it may actually be looking at.

For the others out there interested in weather/webcams, the antenna site abbreviations on this weather page are (and location):

OV - Owens Valley, California (south of Bishop)  
SC - St. Croix (near Puerto Rico)  
PT - Pie Town, New Mexico (\$100 if you can find it on the map -hi)  
LA - Los Alamos, New Mexico  
KP - Kitt Peak, Arizona (near Tucson)  
BR - Brewster, Washington  
NL - North Liberty, Iowa (north of Iowa City)  
FD - Ft. Davis, Texas  
HN - Hancock, New Hampshire  
MK - Mauna Kea, Hawaii

Unfortunately, the VLA antenna site is not accessible on the web in the public areas, and don't know why not.

72, Paul NA5N

-----

Date: Thu, 29 Aug 2002 15:16:06 +0000  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [133627] Dipole without transmission line  
Message-ID: <F140VAM300MqOsR9QGE0001ad8e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

In the continual search to decrease my backpack weight, I experimented with an end-fed wire with a counterpoise of pigtailed capacitively coupled to the ground. It didn't work very well on 80 meters. (I'm using a K1 with internal tuner.) Suppose I were to just use a half-wavelength dipole for 80 meters fed at the center with either no transmission line or a very short one, just long enough to get the antenna out of the tent, and then I elevate both ends of the dipole over tree branches Vee (rather than inverted Vee) fashion. Any ideas about likely results? Thanks.  
Bruce Prior N7RR

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Thu, 29 Aug 2002 11:52:46 -0400  
From: "Mullin, Edward J." <mulline@tycoelectronics.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [133628] RE: Dipole without transmission line  
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A0542@us358mx00>  
MIME-Version: 1.0  
Content-Type: text/plain

I think that such an antenna would work, however modeling it shows that the radiation angle is rather high. A 'cloud burner' good for NVIS. You might try it by elevating one end nearly vertical and directing the other end towards any interesting signals. There is some directivity and the radiation angle gets a bit lower. All that said, I have used a dipole that was fed directly from the BNC connector (no cable) and it does work (as much as any antenna is better than no antenna). Though that might be better thought of as a quarter wave vertical with a counterpoise?? Your mileage may vary... Good luck!

> -----Original Message-----  
> From: Bruce Prior [SMTP:n7rr@hotmail.com]  
> Sent: Thursday, August 29, 2002 11:16 AM

> To: Low Power Amateur Radio Discussion  
> Subject: Dipole without transmission line  
>  
> In the continual search to decrease my backpack weight, I experimented  
> with  
> an end-fed wire with a counterpoise of pigtailed capacitively coupled to  
> the  
> ground. It didn't work very well on 80 meters. (I'm using a K1 with  
> internal tuner.) Suppose I were to just use a half-wavelength dipole for  
> 80  
> meters fed at the center with either no transmission line or a very short  
> one, just long enough to get the antenna out of the tent, and then I  
> elevate  
> both ends of the dipole over tree branches Vee (rather than inverted Vee)  
> fashion. Any ideas about likely results? Thanks.  
> Bruce Prior N7RR  
>  
>  
>  
> -----  
> Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Thu, 29 Aug 2002 10:12:49 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: na5n@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133629] Re: near Bishop,CA +weather  
Message-ID: <Pine.BSI.3.96.1020829101033.7458A-1000000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey! I know where Pie Town is. I go through there whenever I go to Albuquerque. Much nicer drive than going to I-40, plus I sometimes visit the Severe Weather Research Station in the Magdalena Mtns. (don't drive that road at night) , plus stay in Water Canyon for the night.

Chris

On Thu, 29 Aug 2002 na5n@zianet.com wrote:

> Trevor Jacobs writes:  
> > It's that time of the year again, time for the annual camping trip to  
> > White Mountain ... a 14er here in CA near Bishop,CA. We'll be camping  
> > around 7000 Ft above sea level.  
>

> Trevor,  
> Sounds like a nice trip, and nice country. One of our VLBA antennas  
> sits south of Bishop looking at the White Mountains (actually, closer  
> to Big Pine). The weather has been nice there. I've had to travel to  
> the site several times, and have seen snow on that mountain late into  
> the year!  
>  
> In fact, our weather station and webcam is accessible on the web if  
> you want to check the weather or view before you take off. It is at:  
> <http://magnolia.nrao.edu/cgi-bin/weather.cgi>  
> Look at the column for "OV" (Owens Valley) and the webcam button is at  
> the very bottom. We steer the webcam to checkout the site or antenna,  
> so who knows what it may actually be looking at.  
>  
> For the others out there interested in weather/webcams, the antenna  
> site abbreviations on this weather page are (and location):  
> OV - Owens Valley, California (south of Bishop)  
> SC - St. Croix (near Puerto Rico)  
> PT - Pie Town, New Mexico (\$100 if you can find it on the map -hi)  
> LA - Los Alamos, New Mexico  
> KP - Kitt Peak, Arizona (near Tucson)  
> BR - Brewster, Washington  
> NL - North Liberty, Iowa (north of Iowa City)  
> FD - Ft. Davis, Texas  
> HN - Hancock, New Hampshire  
> MK - Mauna Kea, Hawaii  
>  
> Unfortunately, the VLA antenna site is not accessible on the web in  
> the public areas, and don't know why not.  
>  
> 72, Paul NA5N  
>  
>  
>

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
     \-----/
    _ | /
 oo\
(--) \
     \ \ . ' \
      \ \ ' \
       \ \ " \
        \ \ ( ) \
         \ \ '-| )__| :. \
          \ \ | | | | \ '

```

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Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

c\_\_; c\_\_; ' -.. ' > .\_\_

Graphics by Loek Frederiks

-----  
Date: Thu, 29 Aug 2002 11:10:29 -0500  
From: "Jerry Bartachek" <leadsheet@musician.org>  
To: qrp-l@lehigh.edu  
Subject: [133630] RE: QRP Motto  
Message-ID: <20020829161029.44426.qmail@mail.com>  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

I'm intrigued by the quest for a Latin motto. I took 1 year of Latin in high school about 42 years ago. I asked for help from an on-line English-Latin dictionary and came up with "parva multa est" (best retranslation is "little is much")

But I prefer "parva supra est" which implies "litle is the most".

Auf Deutsch da bedeutet "wenig ist sehr viel".

Jerry KD0CA  
QRP-L #544  
QRP ARCI #5166  
FISTS Club #7064

--

-----  
Sign-up for your own FREE Personalized E-mail at Mail.com  
<http://www.mail.com/?sr=signup>

-----  
Date: Wed, 28 Aug 2002 21:52:24 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [133631] Re: near Bishop,CA +weather

Message-ID: <001a01c24f17\$e04733c0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul, I have been to Pie Town, New Mexico, and actually stopped there for a piece of pie, which was very good by the way. Thanks for the info on the site. Do I get the \$100 for actually finding the place?? 72, Doug

-----  
Date: Thu, 29 Aug 2002 17:08:03 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: leadsheet@musician.org, qrp-1@lehigh.edu  
Subject: [133632] RE: QRP Motto  
Message-ID: <F36mBAD1kx6qNP76LSp00005b4c@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Jerry Bartachek" <leadsheet@musician.org>  
>Reply-To: leadsheet@musician.org  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: RE: QRP Motto  
>Date: Thu, 29 Aug 2002 11:10:29 -0500  
>  
>I'm intrigued by the quest for a Latin motto. I took 1 year of Latin  
>in high school about 42 years ago. I asked for help from an on-line  
>English-Latin dictionary and came up with "parva multa est" (best  
>retranslation is "little is much")  
>  
>But I prefer "parva supra est" which implies "little is the most".  
>  
>Auf Deutsch da bedeutet "wenig ist sehr viel".

I never had the advantages of a classical education, but how about 'do more with less' in Latin?

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790  
Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Wed, 28 Aug 2002 21:57:30 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Cc: <na5n@zianet.com>  
Subject: [133633] KI6DS Claims \$100 from NA5N  
Message-ID: <001e01c24f18\$96f5dd60\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul, if you will go to [www.yahoo.com](http://www.yahoo.com) and click on maps, then type in Pie Town, NM you will see a map that comes up and shows it on Route 60. Therefore, I claim the \$100 prize, grin!! 72, Doug

Posted earlier by NA5N

-----  
PT - Pie Town, New Mexico (\$100 if you can find it on the map -hi)  
LA - Los Alamos, New Mexico  
KP - Kitt Peak, Arizona (near Tucson)  
BR - Brewster, Washington  
NL - North Liberty, Iowa (north of Iowa City)  
FD - Ft. Davis, Texas  
HN - Hancock, New Hampshire  
MK - Mauna Kea, Hawaii

Unfortunately, the VLA antenna site is not accessible on the web in the public areas, and don't know why not.

72, Paul NA5N

-----  
Date: Thu, 29 Aug 2002 13:14:55 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133634] Rigs TOO SMALL!  
Message-ID: <3D6E1E4F.15260.CC2F3D@localhost>

MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Last week, I built a "Tiny-tornado" 20M kit. I set it aside to mount in an enclosure later...now I can't find it! Back in the old days, you couldn't lose a DX100, or even a Viking Ranger!

Today, I built my Rock Mite. I attached a big red ribbon to it so I wouldn't lose it!

If anyone sees a Tiny Tornado 20M board, all finished, send it home please.

--

2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

John L. Sielke W2AGN  
<http://www.w2agn.net>

-----

Date: Thu, 29 Aug 2002 13:15:46 -0400  
From: ae5x@netscape.net (John Harper AE5X)  
To: n7rr@hotmail.com,  
    qrp-1@lehigh.edu ("Low Power Amateur Radio Discussion")  
Subject: [133635] RE: Dipole without transmission line  
Message-ID: <56404FBB.192F5E89.00003ABB@netscape.net>  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

"Bruce Prior" <n7rr@hotmail.com> wrote:

Suppose I were to just use a half-wavelength dipole for 80  
>meters fed at the center with either no transmission line or a very short  
>one, just long enough to get the antenna out of the tent, and then I elevate  
>both ends of the dipole over tree branches Vee (rather than inverted Vee)  
>fashion. Any ideas about likely results? Thanks.  
>Bruce Prior N7RR

Hi Bruce,

I used just such an antenna on 40m last year with pretty good results. Details/  
photos at:  
<http://www.ae5x.com/wichita.html>

I never got around to trying it on 80m due to not having a QRP rig that covers that band. Results should be similar to 40 I'd think.



72,

--

John Harper AE5X

Outdoor QRP: <http://www.ae5x.com>

-----  
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Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

-----  
Date: Thu, 29 Aug 2002 13:30:50 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: w2agn@w2agn.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133636] Re: Rigs TOO SMALL!  
Message-ID: <5.1.1.6.2.20020829133002.03045cb8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

No danger in losing them is there John!!! Once or twice... I've even wanted to!!!

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 29 Aug 2002 10:35:17 -0700 (PDT)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [133637] RE: QRP Motto  
Message-ID: <20020829173517.94596.qmail@web10004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

FUN = SKILL / POWER

=====

73, Lloyd, K3ESE  
K1 # 00379 - ARRL  
ARS #1301 - FISTS #8774  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
HGT #6'1 - Wgt #190 - BT #B-

-----  
Do You Yahoo!?  
Yahoo! Finance - Get real-time stock quotes  
<http://finance.yahoo.com>

-----  
Date: Thu, 29 Aug 2002 13:35:34 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: w1rfi@arrl.org,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133638] RE: QRP Motto in Latin  
Message-ID: <5.1.1.6.2.20020829133434.030542f8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have always heard that: It's not how big you make it... it's how you make it big!!!

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
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LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 29 Aug 2002 10:39:50 -0700  
From: "K7FD N7SG" <k7fd@hotmail.com>  
To: w2agn@w2agn.net, qrp-l@lehigh.edu  
Subject: [133639] Re: Rigs TOO SMALL!  
Message-ID: <F53jeTCKCEUlc7Ui9n8000042cc@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Your dog doesn't have solder on his breath, does he? :)

73 John K7FD

>>  
>Last week, I built a "Tiny-tornado" 20M kit. I set it aside to mount in an  
>enclosure later...now I can't find it! Back in the old days, you couldn't  
>lose a DX100, or even a Viking  
>Ranger!  
>  
>Today, I built my Rock Mite. I attached a big red ribbon to it so I  
>wouldn't lose it!  
>  
>If anyone sees a Tiny Tornado 20M board, all finished, send it home please.  
>--  
>2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>  
>  
>John L. Sielke W2AGN  
><http://www.w2agn.net>

-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Thu, 29 Aug 2002 13:43:29 EDT  
From: Wa4aos@aol.com  
To: qrp-1@lehigh.edu  
Subject: [133640] re: Too Small  
Message-ID: <1be.c71a3fa.2a9fb741@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I just mount them to the top of used tire or cement block. We can do that kind of stuff in SOUTH CAROLINA. I was going to mount it to the bumper of my TRUCK but my wife complained that the truck was in her way when I parked it in the living room of our doublewide and who wants to argue with a graduate of the 4th grade. Girls real smart and has most of here teeth too ! ! !

73 from SC,

Glenn WA4AOS    hi hi

-----  
Date: Thu, 29 Aug 2002 13:45:21 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: leon\_heller@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133641] RE: QRP Motto  
Message-ID: <3D6E2571.3535.E81112@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 29 Aug 2002 at 17:08, Leon Heller wrote:

>  
>  
>  
> >From: "Jerry Bartachek" <leadsheet@musician.org>  
> >Reply-To: leadsheet@musician.org  
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> >Subject: RE: QRP Motto  
> >Date: Thu, 29 Aug 2002 11:10:29 -0500  
> >

> >I'm intrigued by the quest for a Latin motto. I took 1 year of Latin  
> >in high school about 42 years ago. I asked for help from an on-line  
> >English-Latin dictionary and came up with "parva multa est" (best  
> >retranslation is "little is much")  
> >  
> >But I prefer "parva supra est" which implies "little is the most".  
> >

Well, if we have any YLs they may not like that, as it translates literally to:  
"She is small on top."

--

2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

John L. Sielke W2AGN  
<http://www.w2agn.net>

-----

Date: Thu, 29 Aug 2002 10:57:25 -0400  
From: Donald E Sanders <w4bws@juno.com>  
To: k2zu@seanet.com  
Cc: qrp-1@lehigh.edu  
Subject: [133642] Re: Consensus of Solderable magnet Wire  
Message-ID: <20020829.134846.-249697.1.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hamtronics in Rochester, NY also used to sell the solderable  
magnet wire they use in their kits. Don't know present status  
but may be worth checking it out.

Don W4BWS

On Wed, 28 Aug 2002 21:11:30 -0700 "Dave Martin" <k2zu@seanet.com>  
writes:

> You might give Amidon Associates a call. At one time they sold small  
> spools  
> of several gauges for about \$5 a roll. Good Luck in your hunt.  
> Dave K2ZU  
>

-----  
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-----  
Date: Thu, 29 Aug 2002 13:57:43 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [133643] Fwd: Space Station Supernova  
Message-ID: <5.1.1.6.2.20020829135707.0306fd98@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>X-Mailer: Lyris Web Interface  
>Date: Wed, 28 Aug 2002 19:12:02 -0500  
>Subject: Space Station Supernova  
>To: "NASA Science News" <snglist@LYRIS.msfc.nasa.gov>  
>From: NASA Science News <snglist@LYRIS.msfc.nasa.gov>  
>List-Unsubscribe: <mailto:leave-snglist-688402H@snglist.msfc.nasa.gov>  
>List-Subscribe: <mailto:subscribe-snglist@snglist.msfc.nasa.gov>  
>List-Owner: <mailto:owner-snglist@snglist.msfc.nasa.gov>  
>X-URL: <http://science.nasa.gov>  
>Reply-To: "NASA Science News" <snglist@LYRIS.msfc.nasa.gov>  
>Sender: bounce-snglist-688402@LYRIS.msfc.nasa.gov  
>  
>NASA Science News for August 28, 2002  
>  
>During the first week of September, the space station will emerge from  
>Earth's shadow just before sunrise over several major US cities, including  
>Washington DC, Philadelphia and San Francisco. The spacecraft, suddenly  
>brightening like a supernova, will be worth waking up to see.  
>  
>FULL STORY at  
>  
>[http://science.nasa.gov/headlines/y2002/28aug\\_sunrise.htm?list688402](http://science.nasa.gov/headlines/y2002/28aug_sunrise.htm?list688402)  
>  
>  
>Tell a kid you know about NASA Kids Club -- they collect virtual trading  
>cards, trade them online, have their own e-mail account, and participate  
>in great learning activities for extra club points. Go to  
><http://kids.msfc.nasa.gov/Club/Login/SignUp.asp?sng> for more info.  
>  
>If you need to get in touch with us directly, please go to  
><http://science.nasa.gov/comments>  
>  
>Home page: <http://science.nasa.gov>

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 29 Aug 2002 13:59:33 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <n3aaz-qrp@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133644] Re: 88 foot dipole >?  
Message-ID: <20020829175928.CGRA2113.imf22bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 8/12/02 6:02 AM, John R Kirby at n3aaz-qrp@juno.com wrote:

>What is magic about an 88 foot 'dipole' fed in the center?

Absolutely nothing.

LB Cebik did a modeling study to create a simple "backup" antenna for 80-20m. What he wanted was an antenna that lacked deep nulls on the higher bands, but wasn't too short on the lower bands. 88 feet became his design point.

Note that the single most import aspect of a horizontal dipole is the height above ground in wavelengths. LB Cebik's models state a 100 foot height. Most people uses these "magic" antennas at considerably lower levels, which distorts the patterns.

It really doesn't matter too much if this antenna is 88 feet, or 85 feet or 92 feet or 102 feet. Get it up high, in the clear, and feed it with a low-loss feedline, and it should work well.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 29 Aug 2002 14:01:54 -0400  
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133645] RE: QRP Motto  
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D306DE@ev008msxaege.ae.ge.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

About 2 years ago, there was a YL QRP-L member from Canada with the last name of Holiday or Haliday (I think). From what I recall, she was some sort of language expert. She had a saying on her email signatures that said something like, "always let the clouds be your home away from home", but it was stated in some strange language.

I wonder if she still subscribes and could help some of us with our translations?

Mark

-----Original Message-----  
From: Lloyd Lachow [mailto:llachow@yahoo.com]  
Sent: Thursday, August 29, 2002 1:35 PM  
To: Low Power Amateur Radio Discussion  
Subject: RE: QRP Motto

FUN = SKILL / POWER

=====  
73, Lloyd, K3ESE  
K1 # 00379 - ARRL  
ARS #1301 - FISTS #8774  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
HGT #6'1 - Wgt #190 - BT #B-

-----  
Do You Yahoo!?



Yahoo! Finance - Get real-time stock quotes  
<http://finance.yahoo.com>

-----  
Date: Thu, 29 Aug 2002 14:01:12 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [133646] re: Too Small  
Message-ID: <5.1.0.14.1.20020829135516.00a70e80@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I was going to mount it to the bumper of my  
>TRUCK but my wife complained that the truck was in her way when I parked it  
>in the living room of our doublewide

You could get the truck into the living room? In southeast Ohio the truck had to stay on blocks in the front yard because the motor was hanging from the tree overhead. Besides, the refrigerator on the front porch blocked the door part way.

> and who wants to argue with a graduate  
>of the 4th grade. Girls real smart and has most of here teeth too ! ! !

Actually, it's been demonstrated that men exhibit better judgement than women. After all, men usually marry women, whereas women marry men.

Dave

P.S. I thought that's why Altoids tins were popular as QRP radio enclosures - so you could stick them to the refrigerator with magnets. D.

-----  
I'd rather be thought ignorant than stupid. Ignorance is curable.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 29 Aug 2002 14:04:21 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <ke9v@att.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133647] Re: 88' Hoopla  
Message-ID: <20020829180557.QZEZ18615.imf08bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 8/13/02 8:16 PM, Jeff Davis at ke9v@att.net wrote:

>I used to regularly work an old fellow on 160 meters who used to like  
>to say, "a dipole cut for 160m mounted 20 feet off the ground is  
>equivalent to a 20 meter dipole mounted 14 inches above ground". I  
>never checked his math for accuracy but I got his point.

1 wavelength (free space) on 1850 kHz = 532 feet.

$20 / 532 = 0.0376$  wavelength.

1 wavelength (free space) on 14060 kHz = 70 feet.

$70 \times 0.0376 = 2.63$  feet, or 2 feet, 7 5/8 inches.

His math is off by about half, but the concept is correct.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 29 Aug 2002 14:08:58 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133648] Re: Rigs TOO SMALL!  
Message-ID: <3D6E2AFA.27941.FDB2A8@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 29 Aug 2002 at 10:39, K7FD N7SG wrote:

> Your dog doesn't have solder on his breath, does he? :)  
>  
> 73 John K7FD  
> >--  
> >2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

> >  
> >John L. Sielke W2AGN  
> ><http://www.w2agn.net>

That's NOT a remote possibility...going to have to watch the .... for evidence.

--  
2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

John L. Sielke W2AGN  
<http://www.w2agn.net>

-----  
Date: Thu, 29 Aug 2002 14:07:06 -0400  
From: W2AGN <[w2agn@w2agn.net](mailto:w2agn@w2agn.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [133649] RE: QRP Motto  
Message-ID: <3D6E2A8A.2449.FBFAA7@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 29 Aug 2002 at 17:08, Leon Heller wrote:

>  
> I never had the advantages of a classical education, but how about 'do more  
> with less' in Latin?  
>  
> 73, Leon

Seriously "To do much with less" would be "Plus facere cum minus."

--  
2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

John L. Sielke W2AGN (Member Eta Sigma Phi, Classical language Honor  
Society...1963) NOT a PhD!

<http://www.w2agn.net>

-----  
Date: Thu, 29 Aug 2002 13:11:59 -0500  
From: "KD5NWA" <[KD5NWA@mbayona.com](mailto:KD5NWA@mbayona.com)>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133650] RE: ANTENNAS: LOOP CONSTRUCTION/JOINTS  
Message-ID: <NGBBJPBAOLKEABLLGGKBMEELCDAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I do believe a J-Pole antenna and a Loop antenna are very different beast, the J-Pole has an impedance of 50 Ohms while a small loop has approximately one Ohm or even less, so joint resistance is a very big issue with the loop, but not so important with the J-Pole.

Cecil  
KD5NWA

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of bob baxter  
Sent: Wednesday, August 28, 2002 10:14 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: ANTENNAS: LOOP CONSTRUCTION/JOINTS

Vic wrote:

>  
> I'm working on building a small loop antenna; I had planned on using  
> plumbing solder (silver bearing, no lead) along with the proper flux,  
to  
> join the copper pipes and elbows. However, one of my antenna books,  
"HF  
> ANTENNA COLLECTION" by Erwin David, G4LQI, states: "Avoid joints, but  
if  
> they are necessary, brazing or welding is the way to make them. Soft  
> solder will cause trouble in a short time."

I'm glad no one told me that before I built my 2M J-pole. It was still working fb when I took it down after 10 years.

Bob Baxter AA7EQ  
Bisbee, Az.

-----  
Date: Thu, 29 Aug 2002 14:12:02 -0400  
From: W2AGN <w2agn@w2agn.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133651] Re: 88 foot dipole >?<  
Message-ID: <3D6E2BB2.20564.1007E46@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 29 Aug 2002 at 13:59, Bill Coleman wrote:

> On 8/12/02 6:02 AM, John R Kirby at n3aaz-qrp@juno.com wrote:  
>  
> >What is magic about an 88 foot 'dipole' fed in the center?  
>  
> Absolutely nothing.  
>

Which reminds me. We haven't heard about Dr. Karl's Antenna presentation at the Hamfest. Did crowds of people run home, tear down their beams, and erect EH antennas, or 44' end fed Zepps?

Curious (and bored) people want to know!

--

2002 BUBBA pictures at <http://w2agn.net/bubba2002.html>

John L. Sielke W2AGN  
<http://www.w2agn.net>

-----  
Date: Thu, 29 Aug 2002 12:19:45 -0600  
From: "John\_Evans" <jaevans@codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133652] RE: QRP Motto  
Message-ID: <200208291219.AA8061540@mail.codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I always liked "Time flies like an arrow, but fruit flies like a banana." but that is obviously not QRP related.

72 - john - n0hj

----- Original Message -----  
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
Reply-To: Mark.Fancher@ae.ge.com  
Date: Thu, 29 Aug 2002 14:01:54 -0400

>About 2 years ago, there was a YL QRP-L member from Canada with the last name of  
>Holiday or Haliday (I think).

-----  
Date: Thu, 29 Aug 2002 18:23:48 GMT  
From: na5n@zianet.com  
To: qrp-l@lehigh.edu  
Subject: [133653] Major OT: Pie Town prize claimed!  
Message-ID: <20020829182349.1194.qmail@zianet.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Gang,  
I have received over a dozen private emails already properly identifying  
the location of Pie Town, NM (plus the few posted to the group). I  
had no idea that tounge-and-cheek comment would generate so much  
interest -hi.

Anyhow, the very first email received, and therefore the winner of  
the "find Pie Town, NM contest" is:

Garey Barrell, K4OAH in Atlanta, GA

However, for those of you who have driven through Pie Town on US60,  
the 6-7 buildings you see are merely the suburbs. A dirt road to the  
south takes you down a small hill to "downtown" Pie Town, where most  
of the people live, and the fire station. That adds about another  
dozen buildings to the overall metroplex area most never see.

The old "Pie Town Cafe" has recently been quasi-renovated and is now  
called the PIE-O-NEER Cafe. The VLBA antenna is less than a mile from  
downtown Pie Town, but is not visable from the highway (obscured by a  
hill) on the east side of town and a mile before the Continenetal  
Divide marker.

It began in the late 1800's as a watering stop on the cattle drive  
route from eastern Arizona to Magdalena, New Mexico, where the livestock  
was loaded on the trains. The rancher who settled there tended to the  
cattlemen and famous for his homemade pies. It slowly turned into a  
town (cluster of houses, anyway) due to the water there and nice grazing,  
but doubt the population has ever been much more than 100. The last open  
country cattle drives were in the late 1960's, after which US-60 was  
finally paved. US-60 is the original "coast to coast highway" as it was  
the first road to expanse the country, running from Norfolk, VA to LA  
(through Socorro). In 1910-1912, people had to register their towns to be  
properly recognized and to ensure there were no duplication of names, prior

to New Mexico's statehood in 1912. Many ranchers submitted baloney names of their cluster of buildings as a town, strictly as a joke. Many of them STILL appear on the official maps today, even though never legally a town or ever incorporated. Pie Town, no doubt named one night after a few beers, is one of those "towns." New Mexico has it's own brand of humor :-) For example, south of Socorro on I-25 about 30 miles you will see SAN MARCIAL. That town was completely destroyed by a flood in 1929, yet it still appears on every map of New Mexico. The only people there, the Hunter Ranch, keep it registered as a town so nobody else can use the name. By law, when they built the interstate, they had to provide an exit to every town. So there is an exit on I-25 called San Marcial that goes down to the Rio Grande where a town once stood 70 years ago ... but no more. As a result, the Hunter Ranch is probably the only ranch in the country with it's own interstate off-ramp :-)

ObQRP ... not a dang thing.

72, Paul NA5N

-----  
Date: Thu, 29 Aug 2002 14:28:59 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133654] RE:QRP Motto  
Message-ID: <04ff01c24f89\$f1db7340\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Laura, a terrific contributor, left the group in July of '01 as best I can tell from the archives. After a number of folks made some attempts to translate her sig line, this is what she had to say:

```
> Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
> Date: Wed, 14 Mar 2001 16:51:36
>
> You mustn't be too literal about translating
> this, as running it by any of the machine-
> translators demonstrates.
>
> The wording is the French analogue of the German
> Subjunctive II, using the subjunctive mood to
> indicate a hypothetical or unattainable wish. The
> translation I usually quote then becomes "May the
> clouds be our home away from home..."
```

>  
> The quote is from the lyrics for a tune called  
> "Check In", by a French act called Ame Strong.  
> Neat album.  
>  
> Laura Halliday VE7LDH       "Que les nuages soient notre  
> Grid: CN89mg                   pied a terre..."  
> ICBM: 49 15.042 N 122 59.053 W       - Hospital/Shafte

I still see her once in a rare while on rec.radio.amateur.homebrew where she doesn't get nearly the abuse she took here.

72/73 de WB8RCR       <http://www.qsl.net/wb8rcr>  
didileydadidah       QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

-----  
Date: Thu, 29 Aug 2002 19:33:52 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [133655] PCB for Chris's mixer  
Message-ID: <DAV21pPoePi7TMV0lwQ0000b4c4@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've finished the PCB layout for Chris Trask's mixer. You can see it here:

[http://www.geocities.com/leon\\_heller/mixer.html](http://www.geocities.com/leon_heller/mixer.html)

I'll have a go at making one tomorrow. When I've populated it and got it working I'll make the artwork file available, with a layout diagram and a BOM, on the web page.

73, Leon  
--  
Leon Heller, G1HSM  
[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com)  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
-----



Date: Thu, 29 Aug 2002 11:38:10 -0700  
From: "William Phinizy" <k6whp@gte.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [133656] FS: Super Antenna  
Message-ID: <000801c24f8b\$3acf2e60\$8e62e043@k6whp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a little-used (and I mean \*little\*) Super Antenna for sale; It includes the 80M resonator, tripod base, and both the expanding whip and "fixed" whip sections. Asking \$100 + 5 s&h.

Thanks in advance..

Bill, K6WHP

-----  
Date: Thu, 29 Aug 2002 18:31:47 +0000  
From: k4vib@att.net  
To: qrp-l@lehigh.edu  
Subject: [133657] QRP Homebuilder Site  
Message-ID:  
<20020829183153.QPDM23721.mtiwmhc21.worldnet.att.net@webmail.worldnet.att.net>

I'm new to QRP-L and maybe this question has been asked and answered but does anyone know what happened to the QRP Homebuilder site at <http://www.qrp.pops.net/??>

Tnx,

Bill  
K4VIB

-----  
Date: Thu, 29 Aug 2002 19:50:43 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <Mark.Fancher@ae.ge.com>,  
                "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133658] Re: QRP Motto  
Message-ID: <DAV47eZldW8u5RHHSAM00002a6d@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, August 29, 2002 7:01 PM  
Subject: RE: QRP Motto

> About 2 years ago, there was a YL QRP-L member from Canada with the last  
name of  
> Holiday or Haliday (I think). From what I recall, she was some sort of  
language  
> expert. She had a saying on her email signatures that said something  
like,  
> "always let the clouds be your home away from home", but it was stated in  
some  
> strange language.  
>  
> I wonder if she still subscribes and could help some of us with our  
> translations?

It was French. Someone was rather rude to Laura and she left the group. 8-(

She has been lurking on rec.radio.amateur.homebrew.

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Thu, 29 Aug 2002 16:39:28 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133659] CQ East Coast once more...  
Message-ID: <000201c24f8e\$be6a8f00\$a93e243e@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello again,

My TT1320 and me will make the trip to Liria this Friday evening and hopefully I will be on the air between 21:30 and 22:30 UTC in 21.060. Hope to work some of your peanut whistles with the mighty beam up there. CU on the air!

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Thu, 29 Aug 2002 13:16:14 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: NA1XX@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133660] Re: QRP Motto in Latin  
Message-ID: <Pine.OSF.4.44.0208291314190.209976-100000@duke.usask.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

Haiku (sp?)

I turn on the rig  
contacts made 5 watts or less  
smoke never comes out.

On Thu, 29 Aug 2002 NA1XX@aol.com wrote:

> It's not often that the tools of my professional trade come in handy on this  
> list, but here is one time that they do!  
>  
> "Less is more" = Minus Plus Est  
>  
> Or another version I came up with a few years ago:  
>  
> "More enjoyment with less power" = Plus Gaudii, Vi Minore

>  
> Maybe Nils can come up with something in Sansrit or Hyksos too if you ask him  
> nice.  
> 72  
> NA1XX  
> Mike Connelly  
> North Weymouth MA  
> QRP-L # 1588  
> "When All Else Fails ... CW."  
>

Brian Buydens  
Veterinary Electronic Data Specialist  
Computing Services, University of Saskatchewan  
email: Brian.Buydens@usask.ca  
<http://duke.usask.ca/~buydens>  
VE5RDV

-----  
There is nothing to it. You only have to hit the right notes at the  
right time and the instrument plays itself.

- Johann Sebastian Bach

-----  
Date: Thu, 29 Aug 2002 16:25:33 -0400 (EDT)  
From: <n2go@arrl.net>  
To: Ed Tanton <n4xy@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133661] Re: Rigs TOO SMALL!  
Message-ID: <Pine.LNX.4.33.0208291623290.559-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My favorite is that small 40m tranceiver that I built. When I attached  
the 9913 coax to the back the rig levitated off the table. It was like  
the tail wagging the dog.

73,

Jim n2go

-----  
Date: Thu, 29 Aug 2002 15:41:24 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [133662] Re: Rigs TOO SMALL!  
Message-ID: <5.1.0.14.1.20020829153431.00a6c820@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:25 PM 8/29/2002 -0400, you wrote:

>My favorite is that small 40m tranceiver that I built. When I attached  
>the 9913 coax to the back the rig levitated off the table. It was like  
>the tail wagging the dog.

That's actually one of my pet peeves about the "smaller, lighter, cheaper" focus in electronics these days. At work the serial cable to my modem can actually drag the modem off the table if I let it hang down. The test leads attached to my little Radio Shack pocket DMM are so stiff they'll flop it over if I have to twist them into an odd position to get a reading. And yes, I've had the weight of a few feet of coax drag a rig off the desk.

It'd be different if the cables would actually hold equipment where it was supposed to be - like the 2nd-story bathtub in a house in my hometown, that was still held 15 feet in the air by the pipes after the house burned down around it.

Now THAT'S big iron!

Dave

-----  
I'd rather be thought ignorant than stupid. Ignorance is curable.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 29 Aug 2002 15:53:02 -0400  
From: "Charles W3KC" <w3kc@starpower.net>  
To: <qrp-1@lehigh.edu>  
Subject: [133663] Re: QRP Motto in Latin

Message-ID: <000d01c24f95\$af7b25c0\$4d0d2c42@w3kc>

Et tu QRPus ?

-----  
Date: Thu, 29 Aug 2002 15:45:35 EDT  
From: IamSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [133664] Thanks everyone  
Message-ID: <89.1d121b9d.2a9fd3df@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Just a short note to say thanks to everyone who responded to my antenna and tuner question.

Bob  
AF2Q

-----  
Date: Thu, 29 Aug 2002 19:47:43 GMT  
From: na5n@zianet.com  
To: ki6ds@dph.dpol.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133665] Re: Pie Town, NM  
Message-ID: <20020829194744.7110.qmail@zianet.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Doug Hendricks writes:

> Paul, I have been to Pie Town, New Mexico, and actually stopped there for  
> a piece of pie, which was very good by the way. Thanks for the info on  
> the site.

> Do I get the \$100 for actually finding the place?? 72, Doug

Sorry Doug. In spite of your prompt correct answer, you still got beat out by a few. Even Dave Benson got the correct answer in about 3 minutes before yours :-). Although, you do get honorable mention for being the only one so far to actually partake a slice of pie there. Gotta be worth something.

I'll have to discuss this with the NorCal Contest Manager, Jan N0QT, to



-----  
Date: Thu, 29 Aug 2002 20:17:13 +0000  
From: Arthur Moe <kb7ww@easystreet.com>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133667] Re: FOX: AC7A Tonight 8-29  
Message-ID: <3D6E8149.EACF5DD5@easystreet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl,

SSB is not authorized below 144.100 so the QSO will not count.

Art  
KB7WW

"Karl F. Larsen" wrote:

>  
> Wonderful. Thomas your 200 miles away. To far for ground wave  
> too close for sky wave. Another 1 for 2 fox nights. I can work you  
> direct on 2 meters on 144.050 ssb if you have the gear on your end.  
>  
> On Thu, 29 Aug 2002 ac7a@gci-net.com wrote:  
>  
> > All,  
> >  
> > In case you missed my original message, I am FOX no. 17 in  
> > tonight's hunt (8-29). I will be calling around 14.061 to  
> > 14.062MHz, and listening up 1 to 2 KHz.  
> >  
> > See you then,  
> >  
> > Thomas - AC7A (Tucson)  
> >  
>  
> --  
> 72, Karl K5DI  
>  
>  
>  > <  
>  
>



-----  
Date: Thu, 29 Aug 2002 16:26:45 -0400 (EDT)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-l@lehigh.edu>  
Subject: [133668] Re: FOX: AC7A Tonight 8-29  
Message-ID: <Pine.LNX.4.33.0208291622350.22830-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 29 Aug 2002, Karl F. Larsen wrote:

> Wonderful. Thomas your 200 miles away. To far for ground wave

A few years ago, during the 40M hunts, I got in the truck and went /M to get one that was about 80 miles away. One call and done, from 5000' away 5W is \*real\* loud :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Thu, 29 Aug 2002 14:33:41 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: na5n@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133669] Re: Pie Town, NM  
Message-ID: <Pine.BSI.3.96.1020829143301.12973A-100000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

How about throwing in a tour of beautiful downtown Red Hills?

Chris

On Thu, 29 Aug 2002 na5n@zianet.com wrote:

> Doug Hendricks writes:  
> > Paul, I have been to Pie Town, New Mexico, and actually stopped there for  
> > a piece of pie, which was very good by the way. Thanks for the info on  
> > the site.  
>

> > Do I get the \$100 for actually finding the place?? 72, Doug  
>  
> Sorry Doug. In spite of your prompt correct answer, you still got beat  
> out by a few. Even Dave Benson got the correct answer in about 3  
> minutes before yours :-). Although, you do get honorable mention for  
> being the only one so far to actually partake a slice of pie there.  
> Gotta be worth something.  
>  
> I'll have to discuss this with the NorCal Contest Manager, Jan N0QT, to  
> maybe include Pie Town in on the prize list for next years QRPTTF.  
>  
> QRPTTF 1st Place winner: An evening in Pie Town, NM  
> QRPTTF 2nd Place winner: Two evenings in Pie Town, NM  
> QRPTTF 3rd Place winner: Three evenings in Pie Town, NM  
> etc.  
>  
> 72, Paul NA5N  
>  
>  
>  
>

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
   /-----\
  _ | /
oo\
(--) \
     \  .  .  .  .
      \  .  .  .  .
       \  "  "  "  "
        \  ( )  \
         \  '-| )__| :.  \
          \  | | | | \  '
           \  c__; c__; '---'>._

```

High Performance Mixers and  
Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

-----  
Date: Thu, 29 Aug 2002 13:43:31 -0700  
From: "William Phinizy" <k6whp@gte.net>  
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [133670] Re: FS: Super Antenna  
Message-ID: <006101c24f9c\$bd2f95a0\$0d60e043@k6whp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The antenna has been spoken for. My thanks (and regrets) to all those who responded.

72,

Bill, k6whp

-----  
Date: Thu, 29 Aug 2002 17:07:11 -0400  
From: "Jim Stamper" <jstamper@shentel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133671] QRP motto and all that  
Message-ID: <005101c24fa0\$0b3ffde0\$d2626fcc@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A QRO friend who is somewhat scornful of QRP says there is an old English word for QRP: "wotless."

Perhaps somebody could come up with a motto from Beowulf.

jim-  
KG4LDY

-----  
Date: Thu, 29 Aug 2002 16:24:34 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: aa4lr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133672] Re: 88 foot dipole >?<  
Message-ID: <3D6E9112.F7280BDB@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

As always, Bill gave out the straight poop. I would add just three advantages that I have found for the 88 ft dipole and its bigger brother the 176 ft dipole, both center-fed with ladderline.

First, those lengths form 1.25 wavelength antennas on 20 and 40 respectively. The free-space radiation pattern on those bands with those lengths is such that the main side lobes offer a gain of about 3 dB over a half-wave dipole. In the real world, mounted closer to the Earth than any of us would prefer, they still provide broadside gain approaching 3 dB relative to a dipole in the same location.

Second, those antennas are non-resonant on any amateur band which means that the driving-point impedance while never purely resistive (there is always a reactive component on each band) does not undergo the extreme values of impedance which sometimes makes more conventional "resonant" antennas difficult to load.

Finally, they are usable on the two bands lower than the design band as well as the bands above. That is, the 88 ft 20-meter Extended Double Zepp (its official name) can be tuned on 80 and seems to radiate there not much worse than a full-size dipole. It has a tad of gain on 40 since it is not quite 3/4-wavelength there. On bands above the design band, there is gain relative to a dipole for that band, but the pattern becomes more lobed. However, each of the multiple lobes shows more gain than the corresponding lobe of a dipole.

As most know from my previous postings, I use two EDZ's cut for 20 mounted at right angles. Pattern switch is fast and effective. They seem to work well, especially when Foxii are around. <:}

73/72, George

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Bill Coleman wrote:

>

> On 8/12/02 6:02 AM, John R Kirby at n3aaz-qrp@juno.com wrote:

>

> >What is magic about an 88 foot 'dipole' fed in the center?

>

> Absolutely nothing.

-----

Date: Thu, 29 Aug 2002 17:29:41 -0400

From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133673] PRESTON DOUGLAS (WTL)  
Message-ID: <001801c24fa3\$48c181e0\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking for e-mail address of Preston Douglas  
73, W2WU

-----  
Date: Thu, 29 Aug 2002 17:29:34 -0400  
From: "Ken Newman" <n2cq@dandy.net>  
To: "W3BG" <W3BG@arrl.net>, "EPA-QRP Club" <EPA-QRP@yahoogroups.com>,  
"NJ-QRP Club" <NJQRP@njqrp.org>,  
Subject: [133674] [CONTEST] N2CQ QRP Contest Calendar - Sept 2002  
Message-ID: <000a01c24fa3\$2dbe3960\$689ffa42@18.95.182.twsn1.md.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

September 2002

~~~~~  
YO DX HF Contest (CW/SSB)

Aug 31 - 1200z to Sep 1 - 1200z

Rules: [http://www.qsl.net/yo3kaa/contests/yodx\\_eng.htm](http://www.qsl.net/yo3kaa/contests/yodx_eng.htm)

"Work Any DX"

~~~~~  
Michigan QRP Labor Day Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Sep 02 - 2300z to Sep 03 - 0300z

Rules: <http://www.qsl.net/miqrpclub/rules01.htm>

"Extra Points for Homebrew & kit stations"

~~~~~

Adventure Radio Spartan Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Sep 03 - 0100z to 0300z (Monday Evening in US/Canada)

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~

All Asian DX Contest (SSB)

Sep 07 - 0000z to Sep 08 - 2400z

Rules: <http://www.jarl.or.jp/English/0-2.htm>

"Big Asian activity"

~~~~~

IARU Region 1 Fieldday (SSB) ... QRP Category

Sep 07 - 1300z to Sep 08 - 1300z

Rules: <http://www.sk3bg.se/contest/iarur1fd.htm>

"Logs for NA hams to RAC or ARRL"

~~~~~

AGCW Straight Key Party (CW - 40 Meters) ... QRP Category

Sep 7 - 1300z to 1600z

Rules: <http://www.agcw.de/>

"Mostly EU Participation but work anyone"

~~~~~

NA Sprint (CW)... QRP Category

Sep 08 - 0000z to 0400z

Rules: <http://www.ncjweb.com/sprintrules.php>

"Short, intense competitions that challenge the best"

~~~~~  
End of Summer PSK-31 Sprint (14.070 mhz)\*\*\* QRP Contest \*\*\*

Sep 08 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/psk31.htm>

"Warble Away with QRP"

~~~~~  
Worked All Europe DX Contest (SSB) 100W> Low Power Category

Sep 14 - 0000z to Sep 15 - 2400z

Rules: <http://www.darc.de/referate/dx/fedcw.htm>

"THE most challenging DX contest in the world..."

~~~~~  
ARRL September VHF QSO Party (All) Low Power Category

Sep 14 - 1800z to Sep 16 - 0300z

Rules: <http://www.arrl.org/contests/rules/2002/VHFQSO.pdf>

"Work the most Grids"

~~~~~  
Second Class Operator Club Marathon (CW) \*\*\* QRP Contest \*\*\*

Sep 14 - 1800z to 2400z

Rules: <http://www.qsl.net/soc/020914.htm>

"Left-foot keying not required for event"

~~~~~  
NA Sprint (SSB)... QRP Category

Sep 15 - 0000z to 0400z

Rules: Rules: <http://www.ncjweb.com/sprintrules.php>

"Short, intense competitions that challenge the best"

~~~~~

Tennessee QSO Party

Sep 15 - 1800z to Sep 16 - 0100z

Rules: <http://www.k4ro.net/tcg/tqp.html>

"/QRP entries so listed"

~~~~~

Scandinavian Activity Contest (CW) ... QRP Category

Sep 21 - 1200z to Sep 22 - 1200z

Rules: <http://www.sk3bg.se/contest/text/sacnsc.txt>

"Work as many Scandinavian stations as possible"

~~~~~

QRP Afield (All) \*\*\* QRP Contest \*\*\*

Sep 21 - 1500z to Sep 22 - 0300z (Enter your best 6 hours)

Rules: <http://www.qsl.net/wq1rp/qrpaf02r.htm>

"Granddaddy' of the outdoor QRP events"

~~~~~

Washington State Salmon Run (CW/SSB) ... QRP Category

Sep 21 - 1600z to Sep 22 - 0700z

Sep 22 - 1600z to Sep 22 - 2400z



Rules: <http://www.wwdxc.org/salmonrun/rules.htm>

"Work WA stations. Plaques, Trophies, and Packages of Smoked Salmon"

~~~~~  
Fall QRP Homebrewer Sprint (CW/PSK31) \*\*\*QRP CONTEST\*\*\*

Sep 23 - 0000z to 0400z (Sunday evening in US/Canada)

Rules: <http://www.njqrp.org/data/qrphomebrewersprint.html>

"Prizes for the winner(s) and special certificates for all"

~~~~~  
CQWW RTTY DX Contest ... <150w Category

Sep 28 - 0000z to Sep 29 - 2400z

Rules: <http://www.rttyjournal.com/rules/cqww.html>

"Big RTTY contest. LOTSA fun on QRP frequencies for CW (NOT!)"

~~~~~  
Tesla Cup ... QRP Category

Sep 28 - 0000z to 2400z (SSB)

Sep 29 - 0000z to 2400z (CW)

Rules: <http://members.aol.com/k3bu/TeslaCup.htm>

"Promote international good will, competition, sportsmanship,  
technical excellence & operating skills"

~~~~~  
Scandinavian Activity Contest (SSB) ... QRP Category

Sep 28 - 1200z to Sep 29 - 1200z

Rules: <http://www.sk3bg.se/contest/text/sacnsc.txt>

"Work as many Scandinavian stations as possible"

Texas QSO Party (All) ... QRP Category

Sep 28 - 1400z to Sep 29 - 0200z

Sep 29 - 1400z to Sep 29 - 2000z

Rules: <http://www.k5vuu.com/tqp/>

"Contact as many different Texas counties as possible"

~~~~~

Louisiana QSO Party (CW/PH) ... QRP Category

Sep 28 - 1400z to Sep 29 - 0200z

Sep 29 - 1400z to Sep 29 - 2000z

Rules: <http://www.tchams.org/users/contest/laqp>

"Work as many Louisiana stations as possible"

~~~~~

Alabama QSO Party (CW/SSB) ... QRP Category

Sept 28 - 1800z to 2400z

Rules: <http://web.dbtech.net/~dxcc/rules1.htm>

"Work Alabama Counties"

~~~~~

Thanks to K3WWP, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.NJQRP.org>

<http://www.N3EPA.org>

-----  
Date: Thu, 29 Aug 2002 16:45:19 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <qrp-l@lehigh.edu>  
Subject: [133675] The Coaxial Co Linear Antenna from Colorado  
Message-ID: <002301c24fa5\$5e877910\$4e100a0a@rohredt2000>

Anyone out CO QRP club way remember the Coaxial Co-linear of WA0UZO or his repeater? This is a gain antenna made up of vertical quarter wave stubs of coax, joined so the signal is additive.

72,  
Stuart K5KVH

-----  
Date: Thu, 29 Aug 2002 17:50:01 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: <fpqrp-l@mpna>, <qrp-l@lehigh.edu>  
Subject: [133676] Tonight's Truffle  
Message-ID: <002701c24fa6\$070811d0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Just to let you know, I will be the Truffle tonight.  
Listen for me between 5 and 19 MHz  
If you hear harmonics, it's my neighbor's TV.

0130Z - 0200Z - 14.062  
I'll be calling CQ FP de W8DIZ  
Exchange is "RST STATE NAME POWER"  
Try and stay below 25 WPM :-)

Hope to werkja

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

-----  
Date: Thu, 29 Aug 2002 16:53:07 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: wb8rcr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [133677] Re: QRP Motto  
Message-ID: <3D6E97C3.6885836@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The source of her abuse here was summarily removed at that time and just recently left a related list for similar though not parallel reasons.

I do wish that Laura would return as I believe that our present climate is much better than it was a couple of years ago. While she could be acerbic at times, we usually benefitted from her postings.

I have a friend in British Columbia who knows Laura - I will ask him to mention to her that at least some of us would welcome her presence again on QRP-L.

73/72, George  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!

"John J. McDonough" wrote:

>  
> Laura, a terrific contributor, left the group in July of '01 as best I can  
> tell from the archives.

-----  
Date: Fri, 30 Aug 2002 02:04:26 +0400  
From: "Oleg V. Borodin" <master72@lipetsk.ru>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133678] Re: Rigs TOO SMALL!  
Message-ID: <015901c24fa8\$2e03dba0\$49e422c3@user>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>>My favorite is that small 40m tranceiver that I built. When I attached

>>the 9913 coax to the back the rig levitated off the table. It was like  
>>the tail wagging the dog.  
>  
>  
>It'd be different if the cables would actually hold equipment where it was  
>supposed to be - like the 2nd-story bathtub in a house in my hometown, that  
>was still held 15 feet in the air by the pipes after the house burned down  
>around it.  
>

Mr. ALL!

Here is a crazy idea: put micro-tcvt by central insulator of Dipole (for  
example) and three lines for Headphones/CWKey/Common. The battery is on  
insolater also. Maybe, it is probably for field operation?  
True, I don't try it, just an idea only :-)

Good luck! 72! de RV3GM/QRP  
Oleg V. B.  
"RU-QRP?" Club

-----  
Date: Thu, 29 Aug 2002 18:07:10 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <w5yr@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [133679] Re: 88 foot dipole >?<  
Message-ID: <01c501c24fa8\$6c241800\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Another 'advantage' of the "Eighty Eight" is that being non-resonant, there is  
no significant interaction with resonant wires or beams in close proximity. So  
long as it's not terminated with a tuner or rig on the same band at the same  
time, it will be pretty much invisible to the other antennas.

73  
AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, August 29, 2002 5:24 PM

Subject: Re: 88 foot dipole >?<

> As always, Bill gave out the straight poop. I would add just three  
> advantages that I have found for the 88 ft dipole and its bigger brother  
> the 176 ft dipole, both center-fed with ladderline.  
>  
> First, those lengths form 1.25 wavelength antennas on 20 and 40  
> respectively. The free-space radiation pattern on those bands with those  
> lengths is such that the main side lobes offer a gain of about 3 dB over a  
> half-wave dipole. In the real world, mounted closer to the Earth than any of  
> us would prefer, they still provide broadside gain approaching 3 dB  
> relative to a dipole in the same location.  
>  
> Second, those antennas are non-resonant on any amateur band which means  
> that the driving-point impedance while never purely resistive (there is  
> always a reactive component on each band) does not undergo the extreme  
> values of impedance which sometimes makes more conventional "resonant"  
> antennas difficult to load.  
>  
> Finally, they are usable on the two bands lower than the design band as  
> well as the bands above. That is, the 88 ft 20-meter Extended Double Zepp  
> (its official name) can be tuned on 80 and seems to radiate there not much  
> worse than a full-size dipole. It has a tad of gain on 40 since it is not  
> quite 3/4-wavelength there. On bands above the design band, there is gain  
> relative to a dipole for that band, but the pattern becomes more lobed.  
> However, each of the multiple lobes shows more gain than the corresponding  
> lobe of a dipole.  
>  
> As most know from my previous postings, I use two EDZ's cut for 20 mounted  
> at right angles. Pattern switch is fast and effective. They seem to work  
> well, especially when Foxii are around. <:}  
>  
> 73/72, George  
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
> Amateur Radio W5YR - the Yellow Rose of Texas  
> In the 57th year and it just keeps getting better!  
>  
>  
> Bill Coleman wrote:  
> >  
> > On 8/12/02 6:02 AM, John R Kirby at n3aaz-qrp@juno.com wrote:  
> >  
> > >What is magic about an 88 foot 'dipole' fed in the center?

> >  
> > Absolutely nothing.

-----  
Date: Thu, 29 Aug 2002 18:10:01 -0400  
From: Dave Fouchey <dafouchey@comcast.net>  
To: w5yr@att.net, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [133680] Re: QRP Motto  
Message-ID: <4.1.20020829180924.009543e0@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

I took the liberty of sending her an invite myself.

Dave Fouchey  
WA4EMR  
Sterling Heights, MI

At 04:53 PM 8/29/02 -0500, George, W5YR wrote:  
>The source of her abuse here was summarily removed at that time and just  
>recently left a related list for similar though not parallel reasons.  
>  
>I do wish that Laura would return as I believe that our present climate is  
>much better than it was a couple of years ago. While she could be acerbic  
>at times, we usually benefitted from her postings.  
>  
>I have a friend in British Columbia who knows Laura - I will ask him to  
>mention to her that at least some of us would welcome her presence again on  
>QRP-L.  
>  
>73/72, George  
>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
>Amateur Radio W5YR - the Yellow Rose of Texas  
>In the 57th year and it just keeps getting better!  
>  
>  
>"John J. McDonough" wrote:  
>>  
>> Laura, a terrific contributor, left the group in July of '01 as best I can  
>> tell from the archives.

Date: Thu, 29 Aug 2002 18:04:12 -0400  
From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [133681] TNX ALL  
Message-ID: <004801c24fa9\$6901fb00\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks one and all for Preston Douglas' e-mail. 73, Ron W2WU

-----  
Date: Thu, 29 Aug 2002 18:28:59 -0400  
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>  
To: "Qrp-L" <qrp-l@lehigh.edu>  
Subject: [133682] Re: Art and Skill of Telegraphy  
Message-ID: <ODE0IKLMAJFGCNMOGAGIEELOCEAA.bowerm@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thank you one and all for the wonderful responses. I did get a .doc file for this gem.

And thanks for the good ideas.

(What did I do? Here's what I did:

- 1) open .doc file in MS Word
- 2) save as .htm file
- 3) opened iSiloX document converter (converts html files to Palm iSilo files (iSilo is a type of reader on Palm ( www.isilo.com )))
- 4) added the .htm file to my iSilo list of documents
- 5) told iSiloX to convert the file to palm format
- 6) installed on palm

I can now read the document on my Palm with the iSilo software. I haven't looked at it very closely to see what tables might have gotten broken but it looks good so far.)

One person suggested I use the PalmOS PDF view from Adobe. I downloaded



that sucker (took 3 hours because of (I assume) network congestion last night). I run the .pdf version of the document through the converter and it converted it to a 1.4 meg file. Thats HUGE compared to what I got from the steps above so I didn't take it any further. I didn't have enough room on my Palm to download the file. Maybe I'll clean some things out just to try it.

Again, thanks for all the suggestions.

Michael Bower N4NMR

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End of QRP-L Digest 2662

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